

MIT's
Oldest and Largest
Newspaper



The Weather

Today: Partly cloudy, 76°F (24°C)
Tonight: Clear and mild, 57°F (14°C)
Tomorrow: Sunny, warm, 75°F (23°C)
Details, Page 2

Volume 121, Number 27

Cambridge, Massachusetts 02139

Friday, June 8, 2001

Over 2,000 to Graduate in Killian Today

NASA's Goldin to Speak at Commencement

By Maria Wang

STAFF REPORTER

There are 2,122 of them. They've done thousands of problem sets, defended hundreds of theses, and pulled many an all-nighter.

Today, they will receive 1,064 bachelor's degrees and 1,305 advanced degrees before an expected audience of 8,000.

Commencement exercises will feature guest speaker Daniel S. Goldin, Administrator of the National Aeronautics and Space Administration. Goldin is credited with reviving NASA during the post-Cold War era and was a key figure in developing the international space station.

Under Goldin's administration, the money and time needed to construct spacecraft have decreased dramatically while the number of missions launched per year has quadrupled.

Goldin's speech will be followed by a salute to MIT from outgoing Graduate Student Council President Soulaymane Kachani and a speech by Class of 2001 President Erick N. Tseng. Tseng said his speech would not have a typi-

cal speech format. "You could call it Seussical," he added.

Following his speech, Tseng will present the Senior Gift to President Charles M. Vest. This year's Senior Gift is the Student Life Scholarship, which will benefit visionary undergraduates whose ideas greatly impact student life.

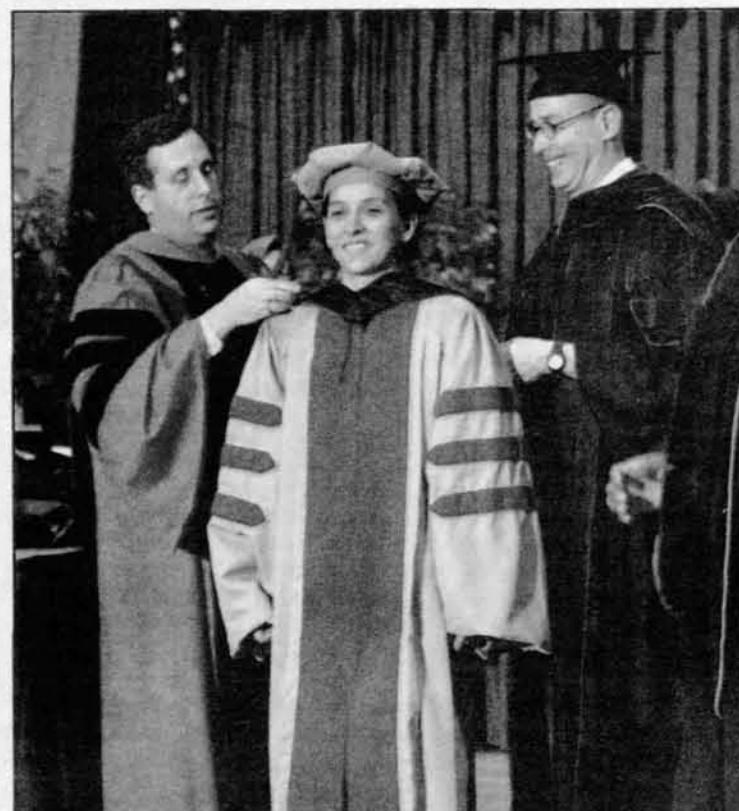
Ticket shortage leads to scalping

The four tickets allocated to each graduate are not enough for some and superfluous for others. Some students have posted flyers and sent e-mails to mailing lists advertising the sale of these tickets; prices have been as high as \$150. There have also been contests and auctions in the past for Commencement tickets.

A message posted on the Commencement webpage indicates that the Commencement Committee "believes that selling of Commencement tickets violates the spirit of this celebration of academic achievement, and in many cases violates MIT regulations."

"This policy has been in place

Commencement, Page 24



Jelena Srebric receives her doctoral hood from the Building Technology Program (Department of Architecture). Chancellor Lawrence S. Bacow '72 presented the hoods in the Johnson Athletic Center Thursday.

MIODRAG CIRKOVIC - THE TECH

ATO to Face CLC Regarding Spring Weekend Altercation with The Roots

By Jennifer Krishnan

ASSOCIATE NEWS EDITOR

Alpha Tau Omega will once again appear before the Cambridge License Commission on June 19, this time regarding the altercation between the fraternity and the hip-hop band The Roots during Spring Weekend.

ATO has already been sanc-

tioned by the Interfraternity Council. IFC sanctions include a ban on large events until spring 2002 and a ban on any events with alcohol until fall 2002.

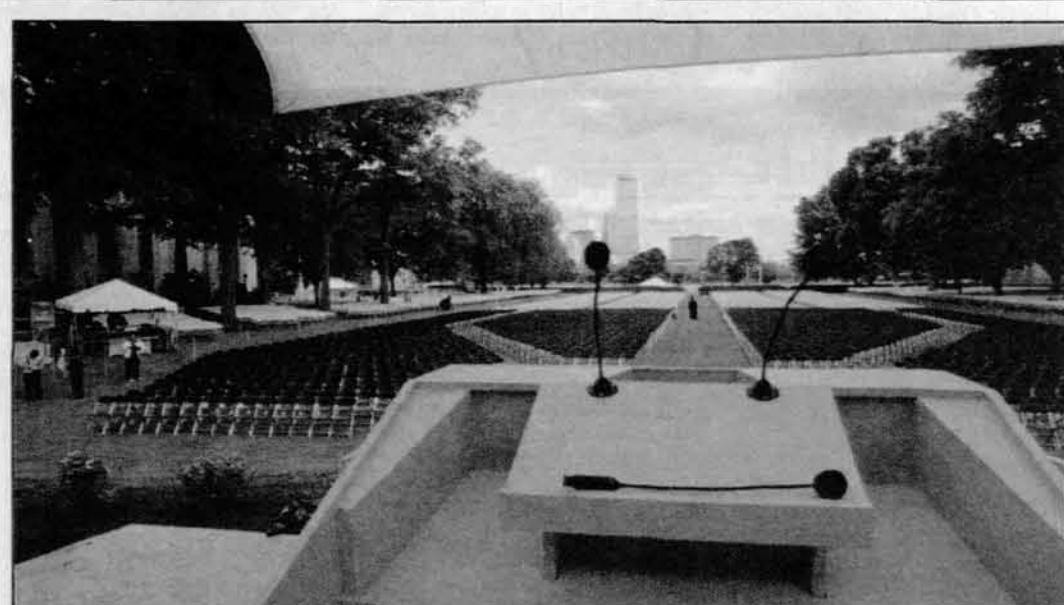
"The action taken [by the IFC] so far is certainly adequate" punishment, said ATO President Erik M. Glover '02. "Any further action

by the CLC is unwarranted."

CLC responsible for safety

"The CLC is responsible for the safety and well-being of the building and the people in it," said CLC Executive Officer Richard V.

ATO, Page 26



Killian Court, seen here from the speaker's podium, has been transformed from a casual gathering spot to a multi-thousand-seat outdoor auditorium for today's Commencement exercises.

JAMES CAMP - THE TECH

Clay To Replace Bacow

Associate Provost
Named Chancellor

By Naveen Sunkavally

NEWS EDITOR

President Charles M. Vest announced on Tuesday that Associate Provost Phillip M. Clay PhD '75 will replace Lawrence S. Bacow '72 as the new chancellor of MIT. Clay's appointment is effective July 1, when Bacow leaves to become president of Tufts University.

As chancellor, Clay said his goal will be to "create a caring and affectionate community" while continuing the implementation of the many projects started under Bacow, and carrying out the recommendations of the Task Force on Student Life and Learning.

In particular, Clay said he wants to expand his own vision to graduate students, who often spend long hours in lab and are more isolated

Clay, Page 24

16 Members of KAT to Live In Sig Ep Annex This Year

By Jeffrey Greenbaum

Sixteen Kappa Alpha Theta sisters will be living in the Sigma Phi Epsilon annex this coming year.

The sisters will occupy three of the five floors of the house, located at 515 Beacon Street. Sig Ep brothers will continue to have full access to the facilities.

Under the agreement, members of KAT must rent the rooms from Sig Ep individually; no chapter funds may be used, no KAT letters may be displayed outside, and the house may not host sorority functions.

Sig Ep still wants annex access

The Zeta Mu chapter of Kappa Alpha Theta, established at MIT in 1990, has been trying to obtain a house for its chapter for the past few years. KAT President Rose G. Radin '02 decided to inquire about the Sig Ep annex this February. Sigma Phi Epsilon's Alumni Corporation controls the annex.

"We [Sig Ep] have rented out some of the rooms in the annex for the past two and a half years ... [but] brothers have always had the annex [door's] combination, whether to live there or to access its weight room," said Sigma Phi Epsilon House Manager Mark B. Velsko '02.

While Sig Ep Alumni Corporation President Eddie Chin thinks that "helping [KAT] run its own place is good for the community," he decided not to sell the annex to KAT, based on the recommendations of his fraternity's active members. "Brothers would like to continue living in the annex and using its weight room," Chin said. In fact, brothers are excited that the weight room is under renovation, he said.

Chin and active members of Sig Ep agreed to rent 11 rooms that comprise the upper three floors of the annex to KAT sisters, leaving the lower two floors for Sig Ep brothers. KAT tenants will have the combination for entrance only for the annex, not for Sig Ep's main house. Each room will have its own external lock and key. KAT tenants will be able to access all of the annex's facilities: the weight room, the kitchen,

KAT, Page 26



The women's ultimate team competes at Nationals.

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Comics

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OPINION

Jason H. Wasfy urges graduates to use their MIT education in a socially responsible way.

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WORLD & NATION

China, U.S. Agree on Return of Plane

LOS ANGELES TIMES

BEIJING

China and the United States have wrapped up an agreement on the return of a U.S. spy plane stuck for more than two months on southern Hainan island, bringing to an end one of the worst confrontations to bedevil the two countries in recent years.

Chinese Foreign Ministry spokesman Sun Yuxi told reporters Thursday that negotiations had concluded on dismantling the U.S. Navy EP-3 and sending it home. Four technicians from the United States have spent the past week in the Chinese capital hashing out the details of how to disassemble and transport the damaged \$80-million aircraft.

The agreement lays to rest the outstanding issue in the diplomatic standoff between Beijing and Washington, D.C., that ensued when the EP-3 and a Chinese fighter jet collided in the air April 1 off the southern Chinese coast. The American craft made an emergency landing on Hainan, where its 24-member crew was detained for 11 days. The pilot of the Chinese fighter was lost at sea and declared dead.

"China and the United States have basically solved the matter of the plane, both the crew and the aircraft," Sun said, adding that, "We hope bilateral relations can come back to the normal track."

Russian Court Reduces Sentence For Imprisoned U.S. Student

THE WASHINGTON POST

MOSCOW

A Russian court on Thursday reduced the drug sentence of American student John Tobin to a year in prison in a case that has drawn the interest of high-level U.S. officials concerned that the Fulbright scholar was targeted as part of Russia's fixation with espionage.

Tobin, 24, who goes by the nickname Jack and was studying at Voronezh State University about 300 miles south of Moscow, was originally given a 37-month prison term for charges stemming from possessing a tiny amount of marijuana. The Russian security service publicly branded Tobin a U.S. spy in training, although it brought no charges connected to espionage.

Tobin, a Connecticut native, has said he was set up and prosecuted because he rebuffed a request to become a Russian agent. He has already spent four months behind bars, but his lawyer said he hopes he might be freed later this month as part of a broader amnesty program.

Extinction of Large Mammals Linked to Humans

NEWSDAY

Mass extinctions of large animals in Australia and North America thousands of years before the advent of industrialized societies may be linked to overhunting or environmental destruction by expanding human populations, according to two independent studies to be published Friday in the journal *Science*.

Richard Roberts, an Australian researcher, and his collaborators used two methods to determine the burial dates for giant marsupials and other animals at all known sites throughout Australia and the island of New Guinea, once connected to the continent by a land bridge. From a statistical analysis of the latest burial dates for relatively complete fossils, the scientists dated the extinctions to about 46,400 years ago, give or take 5,000 years, which is after the arrival of humans on Australia. Roberts said that date rules out the possibility that the animals perished in hyper-arid conditions during the peak of the last global ice age.

In a separate study, University of California, Santa Barbara, research biologist John Alroy used a computer simulation to correctly predict the extinction or survival of 32 animals in prehistoric North America.

U.K. Electorate Gives Labor Party, Blair Landslide Win

By T.R. Reid

THE WASHINGTON POST

LONDON

British voters gave Prime Minister Tony Blair a resounding re-election victory Thursday, exit polls projected, handing Blair a powerful mandate for the "radical change" he has promised in the nation's antique class structure and the crumbling public infrastructure.

Television network projections issued just after the polls closed indicated that Blair and his center-left Labor Party will take over 45 percent of the vote, a landslide by British standards, and slightly higher than the margin Labor won in the last national election four years ago.

The chief opposition, the Conservatives, were getting an anemic 30 percent or so, exit polls showed, a result that likely means the axe for the party's embattled leader, William Hague.

Blair rode to victory and a solid majority in parliament on a tide of economic good news — the lowest unemployment, inflation and mortgage rates in a generation — and a fairly centrist first term in which he convinced a once-skeptical public that the Labor Party could be trusted with power. But he indicated during

the campaign that he will move left from this point on. "No radical, reforming government has ever done it all in the first term," he told the voters. "We will go much further."

That shift should produce considerably higher spending on the nation's decrepit schools, hospitals and transit terminals. Blair's aides also say he will mount a frontal attack on lingering bastions of social privilege — particularly on prestigious universities such as Oxford and Cambridge, where the admissions process is still heavily tilted toward elite private high schools.

Labor's big victory is a clear affirmation of the center-left trend in European governments — a trend that was interrupted briefly by Silvio Berlusconi's narrow victory in Italy last month. When George W. Bush makes his first presidential visit to Europe next week, two-thirds of the 18 leaders he will meet will be leftists of one degree or another.

Still, the Labor win here should pose no problem for Bush. Blair has defined Britain as a "bridge nation" linking the European Union with the United States. Accordingly, he says

it is "absolutely crucial" for him to have a good working relationship with the new U.S. president.

While other European leaders have openly disagreed with Bush on such issues as national missile defense, the Kyoto climate-change agreement and American use of the death penalty, Blair has kept a diplomatic silence on these issues — doing so deliberately, his aides say, to keep the bridge between London and Washington in a good state of repair.

The liberal mood of the electorate was also reflected in a record-high vote for Britain's third-largest party, the Liberal Democrats, who ran to the left of Blair on a platform calling for higher taxes and bigger government.

Blair's performance during the campaign makes it hard to predict whether he will try to take Britain into the European single currency. The new euro will replace marks, liras, francs and other currencies in 12 European countries on Jan. 1. Currency traders around the world, assuming that Blair will lead Britain to adopt the euro, sent the British pound tumbling to its lowest level against the dollar in 15 years this week.

President Signs Tax Cut Bill

Passage of 10-Year, \$1.35 Trillion Plan A Victory for Bush

By Craig Gordon

NEWSDAY

WASHINGTON

President Bush signed into law Thursday the biggest tax cut in a generation and promised most American families tax rebate checks that would come in time to cover back-to-school bills this fall.

Bush hailed the signature legislation of his young presidency as "the first major achievement of a new era, an era of steady cooperation" in the nation's capital.

But Bush's hope for more accomplishments to come now confronts a new Democratic majority in the Senate eager to press its own agenda. The historic shift in the

Senate this week derailed Republican hopes of swift passage of the rest of Bush's agenda, including another major tax cut focused on businesses and corporate interests. Bush had asked that powerful lobby to wait in line until he could win his \$1.35 trillion, decade-long tax cut.

Bush is likely to get at least one more celebratory signing ceremony, for an education bill that has broad bipartisan support but is hung up on Democratic calls for greater funding.

After that, Democrats have said, they will pivot from Bush's legislative wish list to their own, including a patients' bill of rights, a minimum wage hike and prescription drug benefits as part of Medicare — issues that were never high on Bush's agenda.

Still, Bush can take credit for pushing through a sweeping tax cut that, as he delights in telling people, many analysts did not think he

could accomplish.

Bush proposed a \$1.6 trillion plan to Congress earlier this year, and the final bill's smaller tally, a compromise to win over some Democrats, still covers the key parts of his original plan. It calls for a reduction in marginal rates, repeal of the estate tax, a doubling of the \$500 child credit and relief for the so-called marriage penalty affecting about 20 million families.

The plan's most visible feature is the tax rebate checks — up to \$600 for married couples, \$300 for single taxpayers — slated to be mailed to 95 million American taxpayers starting the week of July 23.

Grumbling arose in some unlikely quarters Thursday, as conservatives said many of the cuts they most favor, such as changing the marriage penalty and eliminating the estate tax, take so long to kick in that they fear they might never happen.

WEATHER

Wear Sunscreen

By Bill Ramstrom

STAFF METEOROLOGIST

Skies will be mostly sunny for today's commencement exercises in Kielan Court, as several disturbances pass offshore a few hundred miles to our south. A steady west-to-east flow at upper levels of the atmosphere is keeping a large area of cloudiness and rain over the Southeast from advancing further northward.

Earlier in the week, models suggested that this weather would dampen the festivities today, but more recent runs confine all of the rain to the south of the Mason-Dixon line. The largest area of rain is associated with the remnants of Tropical Storm Allison, which is slowly dissipating over eastern Texas.

The fair weather will continue through the weekend, thanks to a large high pressure system that is building eastward from the Midwest. The days will be more and more sunny, so that by Sunday there should be clear skies. High temperatures will be in the upper 70s each day, with overnight lows in the mid to upper 50s.

Weekend Outlook

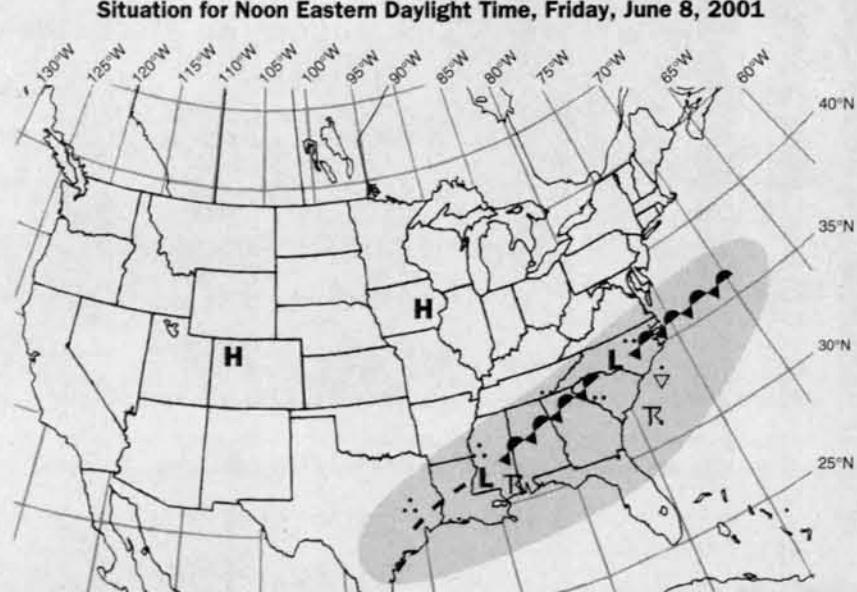
Today: Partly cloudy and pleasant. High 76°F (24°C).

Tonight: Clear and mild. Low 57°F (14°C).

Saturday: Continued sunny and warm. High 75°F (23°C).

Sunday: Bright sunshine and light winds. High 78°F (25°C).

Situation for Noon Eastern Daylight Time, Friday, June 8, 2001



Weather Systems

H	High Pressure
L	Low Pressure
§	Hurricane

Weather Fronts

—	Trough
—	Warm Front
▲▲▲	Cold Front
—	Stationary Front
—	Frontal Lobe

Precipitation Symbols

Snow	Rain
★	●
▽	▽
Light	•
Moderate	**
Heavy	***

Other Symbols

≡	Fog
∞	Thunderstorm
∞	Haze

Compiled by MIT Meteorology Staff and *The Tech*

McVeigh Drops Appeal Efforts; Execution Slated for Monday

By Lois Romano
THE WASHINGTON POST

DENVER

Oklahoma City bomber Timothy McVeigh Thursday abandoned legal efforts to stave off his execution and began preparing to die after a federal appellate court denied his emergency plea for a delay.

Barring unforeseen developments, McVeigh will be put to death by chemical injection Monday morning in a newly-built death chamber at the federal penitentiary in Terre Haute, Ind., for the April 19, 1995, bombing of the Alfred P. Murrah federal building.

The blast, which killed 168 people and injured hundreds more, is the nation's worst act of domestic

terrorism.

In announcing their client's wishes, McVeigh's grim-faced attorneys said McVeigh did not want the "uncertainty" of waiting for a Supreme Court decision during what could be his last two days of life.

"He had prepared himself to die prior to his initial execution date of May 16," said attorney Rob Nigh Jr., "and now again, he wants to make the final preparations necessary to be ready to die on Monday."

Nigh said he spoke to McVeigh shortly after the 10th U.S. Circuit Court of Appeals rejected McVeigh's latest effort to postpone the execution because of the recent discovery of more than 4,400 pages

of FBI documents that should have been turned over to the defense before McVeigh's 1997 trial. The lawyer said he made no effort to persuade McVeigh to appeal to the U.S. Supreme Court.

"His demeanor was extremely calm. I think that his resolve was clear," said Nigh.

In December, McVeigh, 33, abandoned all his appeals, requesting a prompt execution date. In February he let pass a deadline to request clemency from President Bush. But he sought to reopen the case after the discovery of the new FBI documents, which are mostly transcripts of witness interviews conducted during the 1995 investigation.

Former Argentine Leader Menem To Face Arms Smuggling Charges

By Sebastian Rotella
LOS ANGELES TIMES

BUENOS AIRES

Former Argentine President Carlos Menem, a flamboyant political boss who presided over a decade of economic transformation and scandals, was arrested Thursday on charges of masterminding an international arms-trafficking scheme while president.

Authorities took Menem into custody shortly after he entered a courthouse Thursday morning to testify about his role in the alleged smuggling of 6.5 tons of arms and ammunition to Croatia and Ecuador between 1991 and 1995.

Menem, 70, became the first elected Argentine president, current

or former, to be arrested under a democratic government.

Upon arriving to face questioning by an investigative magistrate, the short, dapper son of Syrian immigrants struggled up the courthouse steps through a mob of photographers and police. He held hands with his wife, a 35-year-old former Miss Universe whom he married in a hasty ceremony last month, and put on a brave front despite the widespread sense that his arrest was imminent.

"I trust in the justice system," said a weary-faced Menem. "I'm very calm."

Once inside, Menem professed innocence and declined to answer questions posed by federal magis-

trate Jorge Urso, according to a defense lawyer. Menem was placed under house arrest because of his age, according to the lawyer. A helicopter transported Menem to a suburban estate that will serve as a gilded jail surrounded by riot police.

The judge's decision was expected. In recent weeks he jailed Menem's former defense minister, a former army chief and other former aides in the labyrinthine case.

Nonetheless, the spectacular fall of Menem, an internationally known power broker who counts former President George Bush among his friends, brought Argentina to a stop Thursday.

Panel Advises Lifting Economic Embargoes on Iran

LOS ANGELES TIMES

WASHINGTON

As Congress moved Friday to extend sanctions on Iran, a blue-ribbon panel of former top U.S. policymakers called for ending the economic embargoes that have characterized tensions between the United States and the Islamic republic for more than two decades.

Lifting sanctions almost certainly would have the widest impact on Iran's rich energy industry — and the United States' growing appetite. Iran is OPEC's second-largest oil exporter and the site of the world's second-largest gas reserves. But it also needs major investment to maintain current production and develop new fields.

"Iran has an important role to play in meeting growing U.S. and worldwide energy demands," says the panel brought together by the Atlantic Council, a nonpartisan network of leaders in foreign policy. Rather than punishing either domestic or foreign companies that invest in Iran's energy sector, the United States should be encouraging contacts and development "so that Iran can reach its full capacity," the panel's report adds.

The panel, made up of top officials from the Nixon, Ford, Carter, Reagan, Bush and Clinton administrations, supports a policy shift because of increasing global needs, economic realities, policies of allies and Iran's changing political environment.

Judge Rejects Bid To Stop WWII Memorial

THE WASHINGTON POST

A federal judge refused Thursday to stop federal officials from awarding a contract to build the World War II memorial on the Mall, and his comments raised serious questions about the future of a lawsuit that challenges the project's design and location.

Shortly after the ruling by U.S. District Judge Henry Kennedy, the American Battle Monuments Commission announced that it had awarded a \$56 million construction contract and that preparations would go forward on building the memorial at the Rainbow Pool.

Opponents of the proposed memorial site had asked Kennedy to issue a temporary restraining order that would prevent the signing of a contract for at least 10 days. They said they wanted to maintain the status quo while legal issues are debated. Government lawyers, meanwhile, countered that there was no need for action now because no work will be done at the 7.4-acre site until July 5, at the earliest.

Kennedy declined to take emergency action, saying the opponents had failed to show they would suffer serious harm if the contract is awarded. He also said they failed to demonstrate a "substantial likelihood" that they would prevail in the case, adding that it appears Congress has removed the matter from the court's jurisdiction.

Graduate Student Council

Congratulates All 2001 Grads

Hiking and Rafting Trip Kennebec River, Maine

June 23-24

\$99 Students, \$109 Guests

To register or to find out more
see <http://gsc.mit.edu>

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Montreal Jazz Festival Trip

July 6-8

\$85 Students, \$95 Guests

To register or to find out more
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Meeting Calendar

All meetings at 5:30pm in 50-220.

Food is provided.

Orientation Committee

Tuesday, June 12

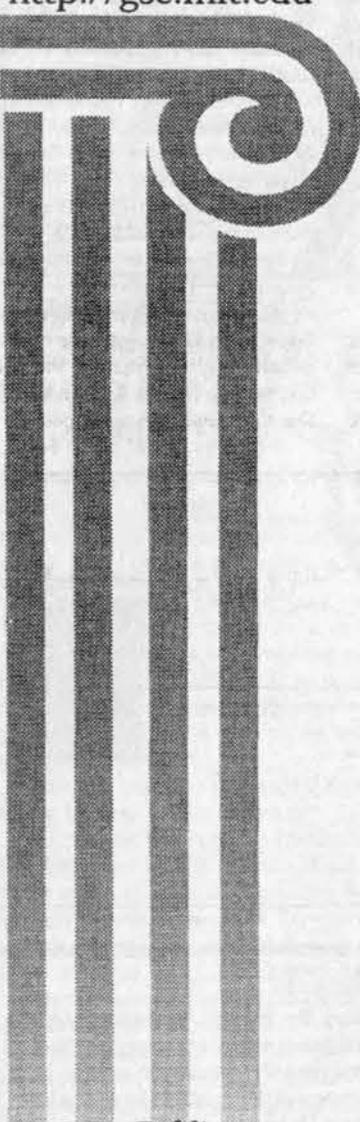
Housing and Community Affairs Committee

Wednesday, June 13

Activites Committee

Monday, June 18

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Grimson Didn't Deserve Bose Award

We would like to express our outrage at the awarding of the Bose Award for Excellence in Teaching to Professor Eric L. Grimson ["Awards Ceremony Honors Students, Faculty," May 15]. It seems a not unreasonable assumption that one who is an outstanding teacher puts a lot of effort and attention into the act of teaching. However, in the past two terms, Professor Grimson has given only a handful of lectures in 6.001, none of which were during the Fall 2000 term.

The replacement for actual lectures has been the online "virtual lecture" system that 6.001 has been playing with for the past few terms. We feel that the system is nowhere nearly spectacular enough to merit its creator receiving an award — a teaching award, no less. It is the somewhat tragic implication of this teaching award that MIT has become an institution which considers automated teaching to be the most outstanding method.

The 6.001 system is at best a resource or an experiment, possibly worthy of a research award on condition of its absolute success. However, it is not even an absolute success — ask anyone who has taken 6.001 the past two terms if the system has had all the pitfalls ironed out yet. It has not. Therefore, it is a work in progress best categorized as an experiment — not the overly successful and praiseworthy teaching device that the award to Professor Grimson seems to indicate.

When we hear the word "teacher," we think not of a computer system that is often

difficult to use, but rather of a live human being. Furthermore, when we think of 6.001, we do not recall a human being ever teaching it, except for the outstanding TAs and recitation instructors, who were more deserving of such an award than the inventor of a far from perfect computer system.

Levente Jakab '03
Katie Todd '03

'Offensive' Offensive

As a religious free-speech advocate, I find Liora Zion's "Fun with Clip Art" Offensive to Jews" [May 11] to be insulting, although I'm sure she did not mean it that way.

May I suggest that if you want to contribute to an atmosphere of open discourse on campus, you avoid publishing pieces that do no more than to attempt to suppress an opposing point of view without adding any valuable (or at least amusing) insight of their own.

Chris Laas '01

New Seal Idea

I too have an idea for a new MIT seal ["Petition Asks for Female on MIT Seal," May 15]. I think it should have a man and a woman. It should also have a white person, a black person, an Asian, and an Indian. And a straight, a gay, a lesbian, and a bisexual person. And a tall person. And a short person. And a fat person. And a skinny person. And

while we're at it, one person from each course at MIT. Even Course 19.

Anyone want to sign my petition?

Amal Dorai '04

Phone System Needs Some Work

On a recent Saturday morning (May 19), I wanted to find out if the Copy Centers were open. I phoned 617-253-1000 (directory assistance) and got this message: "The offices are currently closed ... please say the name of the department." I said, "Copy Technology." I got the response, "You will be transferred to Faculty Payroll. If this is not correct ..." So I repeated "Copy Technology" and got the response "You will be transferred to 253-SNOW ..." So I dialed again and the response was, "Biology Administrative Office." I then repeated "Copy Technology" and got a response I did not understand, so I let it go through. The ring was answered with "Please leave a message after the beep." So I dialed again and got the response "You will be transferred to the Copy Technology Center ..." Aha, success! So I let the call go through. The ring was answered with the message, "This is Mike. I will be out of the office Friday and Monday."

I have never had this difficulty with a live operator. If the MIT telephone system people think that what they have is an improvement, that's bad.

Robert Assaly
Research Affiliate



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Dissents are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

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ONLY VICTORY REMAINS AND A NAME FOREVER SECURE

EDWARD C. WATSON

JAMES CAMP - THE TECH

Our Last Blank Wall

Jason H. Wasfy

In the Building 10 lobby under MIT's great dome, there's only one blank wall left. Etched into the brown stone of other walls in that lobby are long lists of the names of MIT graduates who died for the United States in the wars of the past century. Those walls that we've scurried by so many times over the past four years stand as a memorial both of soldiers' sacrifices and of the adversity that their generations faced.

The names of today's graduates will likely never appear on that last blank wall for the same reasons. We're at peace now. It's a new world order, the politicians say. Our attention these days focuses more on developments in biotechnology and on the daily close of the Nasdaq than any menacing threats from the Soviet Union or from Nazi Germany. Our generation of MIT graduates will never fear a military draft. Instead, we have high-paying jobs waiting for us.

We're looking forward to those jobs and bright futures because of the sacrifices and the hard work of the generations that came before us. Our parents led the civil rights movement and suffered through Vietnam, and our grandparents faced down Hitler and reaffirmed the American ideal of free markets and free people, as they pulled our nation out of the Great Depression. MIT graduates went on to develop radar in the 1940s, when our military needed it most. Those accomplishments testify to the historical commitment of MIT graduates to great causes.

Our graduating class is far more diverse, both in terms of backgrounds and skills, than many of those past classes. We should, however,

ever, share with those classes their history of engaging important problems. The struggles of generations past, which allow us to celebrate today, bestow upon us a solemn debt that compels us to put our skills, education, and potential to work for the greater good.

We have begun to pay down this debt. We have worked hard to get here — and I'm not just talking about problem sets. MIT is an institution that encourages upward mobility, and some of us have endured great adversity in moving from bad high schools and poverty to attend college here. But no matter how challenging this journey has been for

Because of our experiences and our abilities, MIT graduates can solve great problems that many others simply can't. Our potential for serving our society reinforces our deep responsibility to serve.

any one of us, we each carry this debt because we each profit from the enormous potential both of the intellectual standards that the Institute requires and of the lessons inherent in an MIT undergraduate education. Because of our experiences and our abilities, MIT graduates can solve great problems that many others simply can't. Our potential for serving our society reinforces our deep responsibility to serve.

That responsibility shouldn't restrict graduates to careers in research, government, or

non-profit service groups. Go ahead and take that well-paying job in banking in New York if you'd like. After all, the entire world always has profited from advances driven by our market economy. If you do opt for one of these fine jobs in the financial industry, though, just remember to conduct business in a socially responsible way.

Though not engaged in war, we still have big problems to tackle. In our lifetimes, oil wells will run dry and we'll have to find new sources of energy. The structure of American families is continuing to erode. Our transportation infrastructure needs expansion and modernization. As biomedical technology progresses, we'll have to quickly develop new rules of ethics and public policy. Infectious diseases like AIDS and tuberculosis are ravaging the developing world. And for the first time since the end of the Cold War, America's leaders are talking about the vulnerability of our cities to nuclear missiles. The formidable and diverse challenges ahead call out for bright, well-prepared MIT students to take them on.

And as we accept our duty to undertake these great tasks, we start to repay the debt. On this day that we celebrate our achievements, we should also remember our individual commitments to our nation and to our world. Let's cover our blank wall with a range of names — of men and women, of every race and ethnic background, straight and gay alike, whose deeds sustain the accomplishments of past generations. If we do that, I'm sure that Charles John Weschler — just one of the many fallen soldiers with names on a Building 10 wall — would think that his ultimate sacrifice so many years ago was worth it.

Change Is In the Apple Trees

Laura McGrath Moulton

I first set foot on the MIT campus as a prospective student in the fall of 1996. My girlfriend and I took the T over from her dorm at Boston University to attend an information session on a Sunday afternoon. After navigating our way from the Kendall Square/MIT T stop (which, of course, deposits you nowhere near the center of either Kendall Square or MIT), I realized I had left the room number for the information session at home.

We had a half hour to figure it out and no one to ask: the Infinite Corridor was deserted. So we made our way to the Johnson barbecue pits and sat under the apple trees. We even ate one of the apples that had fallen to the ground. (It wasn't half bad, I swear.) Sitting there restored my courage and I decided to search for the room.

Reasoning that the session would be held at the center of campus and pulling the number 2 from the recesses of my memory, I walked as if led by magic to ... 10-250. It was the right room, and as we settled in, I thought, maybe I am smart enough to get into MIT. Trees that drop fresh fruit into your lap, rooms you can find your own way to: this is the place for me.

And now, as they say, for the rest of the story. That quality of finding your own way at MIT turned out to be a mixed blessing. I loved (and still love) the idea of choosing where you

But as someone of the last class to have seen the old MIT, for good and for bad, let me point out: the apple trees are gone now, chopped down to make way for the new athletics center. MIT wants to spare its students the isolation and confusion of the past, but it must also be careful to still let them find their own ways to the special moments that make being here worthwhile.

Learning Beyond MIT

Michael Borucke

Four years just went by in a heartbeat. Yesterday we were in Killian taking our class picture. Today, we sit in the court ready to receive a most expensive piece of paper. I can't help but reflect a little on the education we've just received.

There is a quote on the second floor of the Student Center. It reads in part:

"As a great Educational Institution, we shall fall short of our mission if we fail to inspire in our students a concern for things of the spirit as well as the mind. By precept and example, we must convey to them a respect for moral values ..." (Julius Stratton, 1959.)

This of course, begs the question: Has MIT inspired spiritual concern and moral values in you? Has it even tried? Has your MIT education given you an accurate picture of the world's problems? Did your classes show how your skills could be used to approach these problems? How many conversations about national unemployment or civil wars or crime have your classes inspired? As a graduate, do you now have an idea of how global financial institutions run the world economies? I just don't believe that MIT has instilled in its students a knowledge of the world sufficient to respond to these and other questions.

I think this problem is reflected in what we've done while at MIT. By our actions, have we made this institution a fundamentally

better place to learn? Have race relations improved since we were freshmen? Have we created an environment that will lessen the occurrence of rape on campus? Has our class pushed for a community without fear for both gay and straight students? Have we come to understand and respect the role MIT janitors, electricians, groundskeepers, librarians, administrative staff, cooks and others have had in allowing us our education?

This is not to imply that students have not responded to significant problems on their own. On the contrary, extra-curricular activities such as Habitat for Humanity, United Trauma Relief, Project HEALTH and others show a deep concern on the part of students for their community and the world.

My point is that MIT has done little institutionally to give its students a proper context for their skills. Personally, there have been four classes I have taken which discussed real-world problems in any depth. But these were classes I had to search for. As most students who attend MIT are mathematically inclined, non-technical classes such as these will continue to have a limited effect on the student body. As a possible response, MIT could have required freshman classes on ethics, on global and national politics. This could do a great deal to open students' minds.

As for today's graduates, most of us have a tiny reminder of MIT; namely, our debt. It's easy to see how this might affect our future decisions. Maybe we choose the higher-pay-

ing job even though we would have taken the more enjoyable, lower-paying job given different circumstances. Debt rearranges priorities often, I would guess, to the detriment of the graduate and potentially the world. I can't think of too many non-profit organizations that can compete with consulting firms in salaries. Making an MIT education free to students would not only erase the pressure of debt, but would also ensure that the most qualified students — regardless of class — attend.

It has been said that MIT produces people who will run the world. There's definitely some truth to this. Course XIV, XV, and XVIII graduates will be bank executives sitting on the Federal Reserve Board, controlling interest rates and global economies. Course VII graduates will be at the forefront of biotechnology and medicine. Course VI graduates will control how society communicates (smaller and smaller cellular phones). In general, all MIT grads will have a great deal of influence on society if simply because of our esteemed educational background.

So to the graduates, I urge you to remain human: Continue to listen to the part of you that thinks genocide, war, disease and starvation are wrong and should be eliminated. The part of you that believes that democracy and equality are ideas that should endure, the part that understands how corporate interests and government behavior are not always as democratic and egalitarian as claimed.

want to live — the fact that the uncool, the different, the loners can create their own safe havens — but found I was utterly unprepared to take advantage of that choice as a first-semester freshman. I cherished my new independence, not to mention the sheer intellectual thrill of the place, but grappled with loneliness in this big, modern campus that offered precious few cozy spaces for bewildered new students.

And then, of course, there was the specter of death. The first event that the entire class of 2001 collectively remembers (aside from being soaked to the skin during what had to be the rainiest R/O ever) was the death of Scott Krueger. Other deaths followed at terribly regular intervals: some in our class, some in others; deaths by accident, by illness, and by suicide. I've heard it said that statistically there are no more deaths at MIT than elsewhere, but deep down I don't believe that, and on some level I think we're all grateful just to be making it out alive, literally and figuratively.

These issues aren't news to anyone. They didn't stop me from spending four wonderful years here. And of course the administration and the students are talking constantly these days about fixing MIT's problems. We hear all the time about building community, about student facilities, about improved support systems and a better rush. I respect these efforts and consider them important to MIT's growth as an institution.

But as someone of the last class to have seen the old MIT, for good and for bad, let me point out: the apple trees are gone now, chopped down to make way for the new athletics center. MIT wants to spare its students the brutal isolation and confusion of the past, but it must also be careful to still let them find their own ways to the special moments that make being here worthwhile. A hard blow to the head hurts — and if it's too hard it can kill — but where would we be without the apple that hit good old Isaac Newton's head?

Politics: The Magic Is Back

Eric J. Plosky

Graduates, forget those dot-com get-rich-quick schemes. As the Nasdaq keeps stubbornly reminding us, this is 2001, and Alan Greenspan and Co. have finally picked up all that New Economy trash we left at the curb.

Fortunately, just as the wonderful world of dollars was growing too hideous to contemplate, politics is getting exciting again. Now's the chance for you all to quickly get hip to the latest conversational fashions! After all, when everyone's talking about the Beltway, an errant comment on the price of Cisco could be deadly. (Eyes will flick uncertainly over martinis and cosmopolitans until someone says, awkwardly, "How about those Sox?")

The Federal Reserve is out; the White House is in. Not since the days of Danforth Quayle has it been so much fun keeping track of Washington gobble and gossip. Our beloved W.'s latest performance had him (Yale '68) soberly informing graduating C-level Yalies that "you too can be president." Excellent news, no doubt, for Mr. Strategy's Bulldog daughter Barbara, presumably not under too much pressure to study — leaving plenty of

Fortunately, just as the wonderful world of dollars was growing too hideous to contemplate, politics is getting exciting again.

time to get busted for underage boozing, along with twin Jenna, in a very un-Chelsea-like way.

This is compelling stuff.

There's always fun-filled excitement coming out of the Bush administration. Just for one, the energy situation is becoming increasingly entertaining. As California fumbles for its candles, and a gallon can of gas runs up \$3.00 Mountain, our steadfast leaders, urging us to remain calm, assure us that conservation is for sissies. "Not the basis for sound policy," claims Death-Defying Dick Cheney; "Not the American way!" exclaims spinmeister Ari Fleischer. Coming soon, an oil-drilling platform near you!

Congress's ratings are going up too. Thanks to nutty Vermonter Jim Jeffords, the ex-GOP Senate is now under Democratic control, setting the stage for Battleground: Beltway. If you liked *Gladiator*, get ready for W. and Tom Daschle to go at it. Tax cuts, education and Social Security reform, "faith-based" claptrap — all that's missing are the roar of the crowd and the hot-dog vendors. Will there be more sudden defections? Will stalwart 98-year-old Strom Thurmond, relieved of those grueling president pro tem duties, survive his term? Why watch *The West Wing* when you can just keep C-Span on in the background?

And you wanted to talk about tech startups.

Defense and foreign policy are big news. Jet-setting Colin Powell is trying to untangle the Middle East before everybody there is killed. Europe is peeved that we've thumbed our nose at the environment. China is mad about spy planes, diplomatic skullduggery, as well as just about everything else. And let us not forget that these days there are two *Star Wars Episode Twos* in the works: George Lucas's, for which no one can wait, and Defense Secretary Darth Rumsfeld's, which everybody except Pentagon propellerheads seems to hate.

And protestors, of all things, are making headlines once again. In a demonstrative mood over the past couple of years, Angry Young Radicals have blasted globalization, decried genetically modified food, and, just up the street, bewailed the plight of \$6-an-hour janitors. Lefty icon Ralph Nader, having completed phase one of his get-out-the-vote effort by delivering the 2000 election to W., has moved on to phase two, Green seed-planting. Activism is growing faster than the Dow; cities hosting trade summits, beware.

Where does all of this leave you, the freshly-minted graduates? Well equipped for small talk, hopefully — there are lots of martinis and cosmopolitans out there, and even the most firmly business-minded among you is going to need to have some snappy political patter ready, if only to convince the venture capitalists. So put down that diploma, stop writing that business plan, and pick up a newspaper. That's where the action is.

Mindstorming the Two Cultures

Joel Rosenberg

Last summer I read two books that significantly changed my perspective on learning: Seymour Papert's "Mindstorms," and C.P. Snow's "The Two Cultures."

Having worked at the MIT Media Lab, I knew that the "LEGO Mindstorms Robotics Invention System," a computer-programmable version of the building block toy developed with the Lab, was named after Papert's book. I also knew that the book had something to do with LOGO, the computer program with the "turtle" that I was taught to draw pictures with on an Apple IIe in elementary school. But I had never really heard anyone talk about the book itself. So I read it. And I was astounded.

LOGO, I learned, is not about drawing pictures. Nor is it about computer programming, though that is superficially its interface. LOGO, it turns out, is meant to give kids an environment in which to learn how to think procedurally. "Drawing" is just the feedback that indicates whether the procedures are behaving as expected, and allows kids to then "debug" their thinking. If the turtle doesn't do what you want, think about breaking the problem into smaller chunks to isolate where the problem is. If you can't visualize what the turtle is doing, imagine yourself in the turtle's place and experience what the turtle is experiencing.

Papert's powerful idea is to apply "debugging" to all areas of learning so that "right or wrong" is transformed into a continuous process of improvement. The goal is to debug your learning process in general so that you'll never fear learning anything in particular. Break the problem into pieces. Change your perspective to grasp the situation. I didn't really learn these concepts until I was a student at MIT.

And that's what astounded me: Here was a book from 1980, describing a potentially powerful tool for "learning about learning," a tool that I was familiar with from having actually

been exposed to it at an early age, and I hadn't learned anything even close to what Papert imagined! I was one of the kids in the book — but my teachers hadn't read the book! And none of my friends, from all over the country, knew LOGO as anything more than a program for making pretty pictures. It was strange to think of myself as part of a failed, or at least unfinished, experiment.

I read "The Two Cultures" a few weeks after "Mindstorms." Based on his 1959 Rede Lecture at Cambridge University, Snow outlines the growing chasm between "the two cultures" of "literary intellectuals" and scientists (which includes engineers). Snow earned

Reflecting on my own education, I discovered that while I had gotten comparable doses of English/history and math/science in high school and earlier, there was never any attempt to integrate them, and they were never presented in terms of a bigger picture.

a PhD in physics at Cambridge, went on to become a somewhat successful novelist, and was a science adviser to the British government during World War II. So he had run in several elite circles by the time he made his observation that the "literary intellectuals" (who represented society-at-large through artistic reflection) knew virtually nothing of science, and the same for scientists of literature (and thus society-at-large).

Snow's main concern was that the brightest minds of the day had no common ground for communication. His lecture, though, was largely pro-science, and he didn't hide his belief that while scientists might be better people if they read more literature, it was the non-scientists who had to get with the program if the world's problems were going to get solved (by science, of course). His bias was exemplified by the line, "If the scientists have the future in their bones, then the traditional culture responds by wishing the future did not exist." The lecture, not surprisingly, received both strong praise and

criticism.

The solution Snow suggested was education. And that's what I found interesting. Reflecting on my own education, I discovered that while I had gotten comparable doses of English/history and math/science in high school and earlier, there was never any attempt to integrate them, and they were never presented in terms of a bigger picture. And since I had been a technical undergrad at MIT and a "liberal" grad student at Columbia, I knew that at each school the "other" culture was essentially omitted. I became intrigued as to whether education can mend the division it seems to create.

Why even bother bridging the two cultures? On one level I share Snow's concern that the world's problems won't be solved if the two sides can't intelligently talk to each other. And I used to think that meant, as Snow did, that non-scientists needed to "get with the program." But on another level, I now think much would be gained if each side better understood what it lacks that the other has.

For non-scientists, that means getting a better feel for process. If non-scientists debugged their learning process, perhaps fewer of them would write off science as "hard," and would instead look at their understanding as incomplete yet always improving. Funny, since that's how scientists look at it. If non-scientists then tried seeing the processes in their own subjects, perhaps there would be additional benefits. History might be more useful if taught as a process — a constantly evolving story — instead of just a collection of facts. The same might be true of politics and literature. Newton stood on the shoulders of giants; where are the shoulders of non-scientists?

Such a shift in perspective might be all it takes to get scientists interested in these subjects, and add much needed breadth to their understanding of the world. Then, when everything is thought of as a process, where nothing is static, the whole world becomes an experiment. All that's left to do is hypothesize where things should go — in politics, in literature, in science — and then run the test. And that, I believe, should be the goal: a continuous process of improvement, of an undivided culture.

AIDS, Our Growing Problem

Worldwide Effort, not Invocations of Morality, Needed to Stop Scourge

Christen M. Gray

In the last century, some of the greatest health care breakthroughs in history have been made. Scientists have discovered antibiotics, thus relieving the world of a variety of diseases. With the general manufacture and use of vaccines in treating measles, smallpox, and polio, we are relieved of many more maladies. The world even united to eradicate smallpox entirely. Yet, in spite of these grand accomplishments, we are currently facing a new epidemic, and we are deeply, as a world community, entrenched in it.

Our new enemy is AIDS. AIDS, of course, is the disease caused by the Human Immunodeficiency Virus (HIV). The virus is spread through blood and sexual contact. Currently, one in nine people carry HIV in South Africa. There are 800,000 orphans whose parents died of AIDS in South Africa. Many of these deserted children are dying of the disease themselves.

I am not going to continue to detail the statistics and woes. They only get worse. I am simply going to ask, why is this happening? A disturbing conversation not too long ago brought me to my conclusion.

A friend, who would probably prefer to remain anonymous to MIT's liberal campus, said to me that "AIDS is a disease of morality." This friend went further to defend this statement by saying that those who get AIDS deserve it; this is just an instance of God smiting the wicked.

Needless to say, I was disturbed at the ignorance and utter indifference in this statement. I believe that there are a great number of people who believe this logic and prefer to stay ignorant of the true situation so that they may rest easier at night knowing they are good people and, therefore, this is not their problem. The plain truth is, of course, that bad things happen to good people, and sometimes the worst things happen to the most innocent of all.

The scientific and world communities offered no help when AIDS first reared its ugly head in the African population. Nor did anyone seem to be particularly concerned

when it infected the homosexual population in America. In 1985, did a gay man deserve to die a miserable, early death because he chose a different lifestyle? May he be the most loving and gentle man in the world, many Bible-banging Christian fundamentalists would cry out, "Yes! He was wicked and deserved the curse God cast upon him!" The more temperate people who make up the majority of our nation just wouldn't care. Of course, there was always the poor, unfortunate hemophiliac who got the disease. But some righteous must fall in doing God's work, isn't that right? Like the Inquisition, right?

Today, in Africa, the innocence of the most afflicted is more blatant. Men, forced by circumstances created by Europeans, work far away from their families. While away, they associate themselves with prostitutes and city-girlfriends. Many become infected with AIDS. This is an easier case in which to condemn the diseased; however, to quote a book these same condemners tend to put a lot of stock in, "Let he who is without sin cast the first stone." America certainly as a whole isn't any more moral a nation. What if our last president had gotten AIDS?

It gets worse. When these men return home, they infect their wives. The mothers infect the children while conceiving them. The parents die. Sickly children are left behind, and it is they who suffer the most. The absolute innocents. The baby didn't get the disease because their parents were any more moral or immoral than a typical American family. They got it because nobody who knew enough to stop it cared.

You see, I could let my friend's comment roll off my shoulders and tell myself that it's just that one person, they just don't know. I could believe that this was the minority if I

The scientific and world communities offered no help when AIDS first reared its ugly head in the African population.

Nor did anyone seem to be particularly concerned when it infected the homosexual population in America.

formed over their eyes? Do they avoid watching news because the faces of dying little children would haunt them in their sleep?

I am actually inclined to agree with my friend about one thing. This truly is a disease of morality, but the sin does not belong to the afflicted. The guilt and responsibility belongs to those who would stand by and say, "It's not my problem." The sinners are the Bible-banging preachers who would preach mercy and condemn the innocent. It's the people who claim that a free marketplace for health care is more important than a child's life. The worst of it is, AIDS is our problem now, and growing. Because we would not stop it.

the payrolls would still be filled, the bottom line would still show an immense profit, but maybe the owner was thinking of buying a new yacht ...?

I think at some level the CEOs must be telling themselves that they are just doing their job, turning a profit. But do they realize the huge blind spot that has

Class of 2005 Statistically Similar to Previous Class

Incoming Freshmen Hail from 46 States and 57 Foreign Nations; Yield Slightly Lower Than Last Year's

By Jennifer Young
STAFF REPORTER

We all did it.

We built our resumes. Wrestled with applications. Wrote essays. Interviewed. Waited anxiously for acceptance letters. Received one from MIT. Decided to come here.

And now, we will be joined at the end of the summer by a group of people who did the same thing: the class of 2005.

Big fish hit the big pond

What's the common denominator among incoming freshmen?

"They take your breath away," said Dean of Admissions Marilee Jones. "They are strong, brave students who aren't afraid of a challenge."

"We look for people with passion — self-initiated, self-motivating individuals who get stoked up about something. We seek the people whose success comes from their own drive."

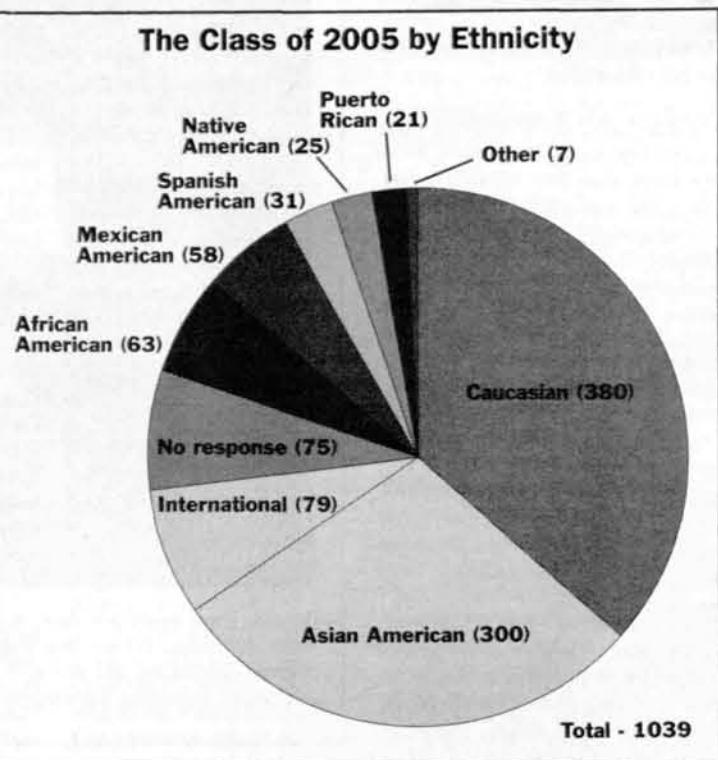
High school valedictorians make up 41 percent of the class of 2005. Another 49 percent were ranked within the top five percent of their class.

The mean SAT verbal score for the class is 711, and the mean math score is a 755. The class of 2004 had a mean verbal score that was two points higher, and a mean mathematics score that was two points lower.

"A common trend we noticed was a diversity of activities within individual applications, which reflects the challenges of applying to college today," said Associate Director of Admissions Elizabeth S. Johnson.

Class makeup changes very little

Statistically, the class of 2005 looks a lot like the class of 2004.



Of the 10,495 applicants to MIT, 1,709 were admitted, and 1,039, or 58 percent of the admittees, have decided to come here. That percentage is down only one percent from last year's yield.

The proportion of women in both last year's and this year's incoming freshman classes holds steady at 42 percent. Interestingly, 48 percent of the admitted freshman class is female, reflecting that the lower percentage of incoming women is more a result of their choice than the Institute's.

Another unchanged statistic shouldn't surprise anyone: Twenty-four percent of both the classes of 2004 and 2005 indicated an intention

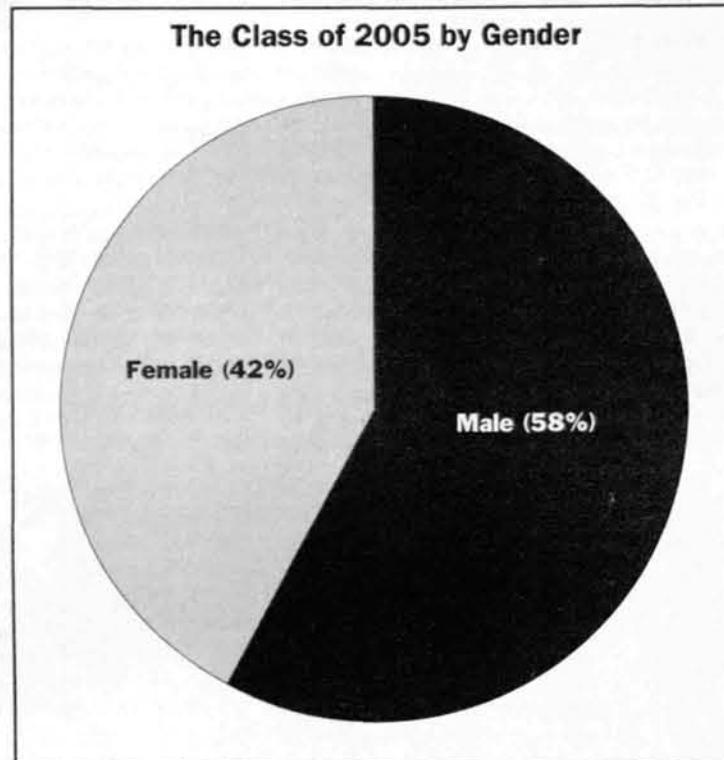
to major in Course VI (Electrical Engineering and Computer Science).

Moderate geographic variety exists

The top four home states for the incoming class are California (12.3 percent), Massachusetts (10.7 percent), New York (10.1 percent), and Texas (7.1 percent). However, these states also produced the most applicants, with 1381, 902, 618, and 660 applicants respectively.

This year, students were admitted from every state in the United States except Mississippi. However, no one from Alaska, Arkansas, Idaho, and North Dakota chose to enroll in the fall.

From Argentina to Zimbabwe,



57 foreign nations will send 9.1 percent of MIT's freshman class — a total of 94 students — next year. Canada, China, India, Kenya, and the United Kingdom provided the most enrollees.

Decision reasons under study

The "why" behind a student's choice whether he or she chooses to attend MIT or a different school next fall is being carefully examined by the admissions office.

The Office of Admissions is largely satisfied with the numbers they have seen. "For an institute of technology, we have no peers in the admissions business," said Jones. "That's a testament to the kind of

place and the kind of students we have."

At the same time, the office carefully analyzes the responses they receive regarding the reasons for choosing other schools.

One major possibility for a student choosing to enroll elsewhere is the cost of an MIT education. "We had [some concerns] about the role that financial aid would play this year," Johnson said. "We've lowered the self-help part of financial aid, but several of our competitors have done the same thing."

"People may have been enticed by merit awards from many different schools, and that could be a factor" too, she added.

~Congratulations Graduates~
Sticking Around For The Summer?
So Are We!

Come by the Brattle Theatre this Summer for air-conditioned comfort and great films!

Our Summer programming includes:

Tom Gilroy's SPRING FORWARD - This Weekend! June 8 - 10!

Nagisa Oshima's TABOO
The Who's QUADROPHENIA
Federico Fellini's JULIET OF THE SPIRITS

Sundays & Mondays in July & August:
ON THE ROAD AGAIN:
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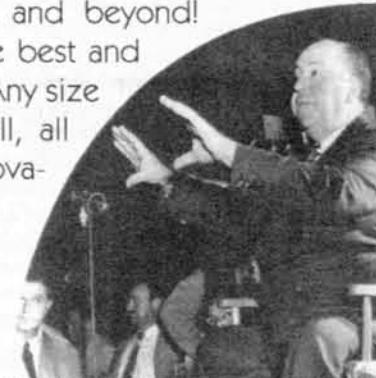
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Orientation to Include Sexual Violence, Diversity Programs

By Christen M. Gray

STAFF REPORTER

Orientation 2001 will feature two new programs, a diversity program and a rape awareness presentation and discussion.

The diversity program is co-sponsored by the Campus Committee on Race Relations and the Alpha Tau Omega fraternity. The rape awareness program will feature a speech by Katie Koestner, followed by small discussion groups.

ATO President Eric M. Glover '02 said his fraternity will play a "very active role in the planning and follow through [of the diversity program]." He intends for the program to address directly the issues of prejudice and discrimination so that students are aware of the ramifications of their actions.

In April, several ATO members shouted racial remarks at a female singer traveling with the band The Roots, sparking an altercation on ATO's roofdeck. The forum to be

organized by ATO is part of the sanctions imposed by the Interfraternity Council after the incident. ATO will also go before the Cambridge License Commission later this month on charges related to the altercation.

IFC President Rory P. Pheiffer '02 said ATO should not be visibly involved with any programs before August 30, to avoid any advantages or disadvantages to the fraternity during rush.

Program features rape victim

The speaker for the rape awareness program, Katie Koestner, was a victim of date rape during her first year of college at William and Mary. She went on to found Campus Outreach Services, an organization that promotes sexual violence awareness on middle school, high school, and college campuses. Today, she speaks frequently about her experience and leads discussions about rape and sexual violence.

A coalition of student groups and individuals, including Stop our Silence and the Social Justice Cooperative, have been working for the past two years to have this new program included in the orientation schedule.

Jennifer A. Erwin '02 and Radha K. Iyengar '02, who were active in the movement for a rape awareness program, were surprised but pleased with the administrators' choice of speakers. They had received little communication about the Institute's plans before Koestner was confirmed.

Dean of Academic Resources and Programming Julie B. Norman said the administration was looking for new Orientation programs and the coalition's "timing was just right." The 600 signatures gathered

in support of the program were not needed, she said.

Pheiffer predicts successful rush

Pheiffer expects a slightly more successful rush than usual this year. The number of students who pledge "will be similar to that of two years ago, when FSILGs were anticipating [what used to be the] 2001 decision," Pheiffer said. When the deadline to house all freshmen on campus was pushed back to 2002, fraternities, sororities and independent living groups felt less pressure for a stellar rush, so they didn't work as hard, he added.

Pheiffer said that he thinks people will tend to run rush very carefully this year to avoid accruing penalties for the 2002 rush.

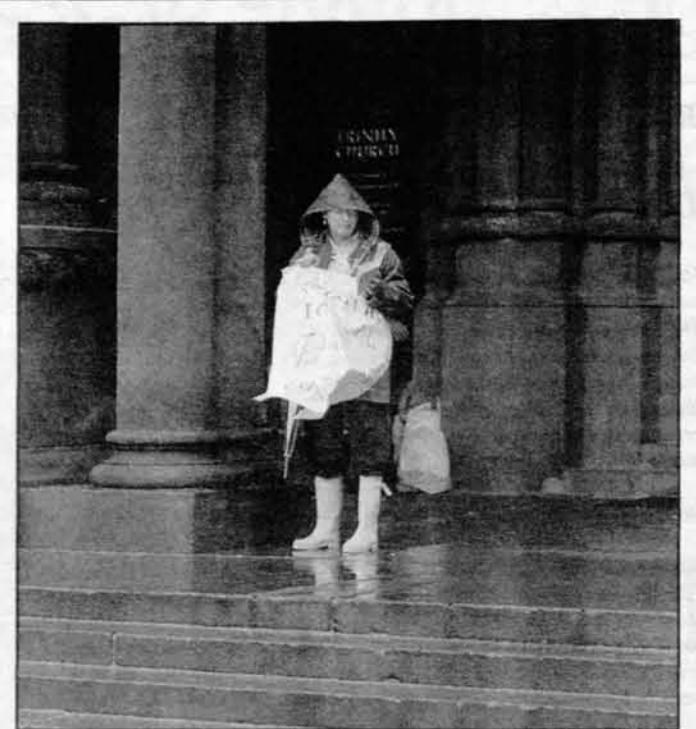
Residence-based advising expands

Residence-based advising will be implemented in German House, as well as among half of the incoming freshmen in Next House, this year. Many wonder how the larger student base and the involvement of males in this program will affect rush.

"This is our first opportunity to observe males [involved with RBA]," Norman said. However, she expects a "non-significant impact on the fraternities."

Pheiffer said the IFC plans to have a meeting with RBA participants to make them aware of the different options available to them. Deciding to take part in RBA is not binding this year, allowing RBA participants the option of participating in rush and pledging an FSILG.

Administrators hope that during the festivities of rush, the residences participating in RBA will conduct their own special activities, like tours of Boston or get-to-know-you events with the upperclassmen.



JAMES CAMP—THE TECH

In the face of heavy rain, a handful of dedicated demonstrators gathered under the shelter of Trinity Church in Copley Plaza. Scouting for All and the New England Coalition for Inclusive Scouting sponsored the rained-out rally.

Crossword Solution

from page 20



Congratulations to the Class of 2001 on your graduation.

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Your class officers will be working with us to support your class.

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City Considers Moving Poll Center to Kresge

By Michael J. Ring

EDITOR IN CHIEF

Residents of several west campus dormitories may soon enjoy a shorter walk to their polling place.

The Cambridge Election Commission has proposed that voters residing in Ward 2, Precinct 2 cast ballots in Kresge Auditorium instead of the current polling place, the Lafayette Square firehouse. The precinct includes Edgerton House, Bexley Hall, Macgregor House, New House, Next House, Tang Hall, and Westgate residences. The Simmons Hall and NW30 residences under construction also fall within the precinct.

"It will be easier for students to vote if they can do so in a place they walk by every day," said former Undergraduate Association President Peter A. Shulman '01, who spearheaded the drive to move the polling station to Kresge.

Residents of Ward 2, Precinct 3, which includes the other on-campus residences, already vote in Kresge.

Low turnout spurs location change

The impetus for moving Precinct 2-2's polling station to an on-campus location came last fall, when groups sponsoring voter registration drives surmised less interest in voting among residents of far west campus.

"During the fall voter registration drives, we noticed that the people from westernmost campus seemed less interested in voting," Shulman said. He added that the long distance between the west campus residences and the Lafayette Square firehouse was identified as a potential cause for the condition. The firehouse is 15-20 minute walk from far west campus dormitories.

Precinct 2-2 has experienced among the lowest turnout rates in the city. According to the Cambridge Election Commission, only 17 percent of Precinct 2-2 residents on the city's active and inactive voters list cast ballots in the 1999 municipal election, giving the precinct the third lowest turnout rate in the city. By comparison, 22 percent of voters in Precinct 2-3, and 33 percent of voters citywide, cast ballots in that election.

In last fall's general election, only 45 percent of voters in Precinct 2-2 named on the active and inactive rolls cast ballots, making the precinct one of only two in the city with below 50 percent turnout. By contrast, 52 percent of voters in Precinct 2-3, and 64 percent of voters citywide, cast ballots.

City commission supports change

The Cambridge Election Commission incorporated Shulman's

suggestions for an on-campus polling place into its redistricting.

Shulman said that the election commission was very receptive to the idea of moving the Precinct 2-2 polling place on campus. "They want to increase voter turnout, too," he said.

MIT students comprise more than half the population of the precinct.

"We were able in the new reprecincting process to incorporate [Shulman's] suggestions," said Teresa Neighbor, director of the election commission. "It is largely due to his bringing it up" that the changes were made, she continued.

Shulman added that Kresge was a more attractive polling location than the firehouse to the commission as Kresge offers better access for the disabled.

Random voters face longer walk

While West Campus voters would enjoy a significantly shorter walk to their polling place under the Election Commission's plan, some MIT students may have to travel further than before to cast a ballot.

Residents of Random Hall, who currently vote at the Salvation Army building on Massachusetts Avenue, would instead vote at Saint Bartholomew's Church on Harvard Street under the new plan. Saint Bartholomew's is about a half-mile walk from the dormitory, while the Salvation Army building is less than a quarter mile up the street from Random.

Residents of Alpha Delta Phi, the Women's Independent Living Group, and Zeta Psi would also vote at Saint Bartholomew's.

The boundaries of the on-campus precincts would undergo minor change. Burton-Conner, Alpha Tau Omega, Kappa Sigma, Delta Kappa Epsilon, Phi Beta Epsilon, and No. 6 Club would move from Precinct 2-3 to Precinct 2-2, but would retain a Kresge polling location under the plan.

New precincts effective in 2002

The potential changes to MIT's voting precincts are part of an effort to reduce the number of precincts citywide from 42 to 33. The election commission will determine the final boundaries for the new precincts, based on the population data from the 2000 Census, by June 22. The new precincts and the relocation of Precinct 2-2's polling place to Kresge would take effect beginning in the fall of 2002.

"We expect to see lots of MIT students voting now," said Neighbor.

THE ARTS

FILM REVIEW ★½

Harbored to Death

'Pearl Harbor' Visually Astounding, Lacking Emotion

By Bogdan Fedeles

STAFF WRITER

Directed by Michael Bay

Written by Randall Wallace

Starring Ben Affleck, Josh Hartnett, Kate Beckinsale, Cuba Gooding Jr., and Alec Baldwin

Rated PG-13

The latest movie from producer Jerry Bruckheimer (*Con Air, Armageddon*), *Pearl Harbor* is an epic love story which takes place at the dawn of World War II. Although sometimes unbalanced, the plot captivates the audience through its forceful cinematographic rendering. Employing astounding visual effects, the recreation of the attack at Pearl Harbor is very intense and credible, making the audience feel the agony of the war. The romance, however, is less credible and the characters don't seem to stand out very well. Nevertheless, the movie overall is an amazing production that can be both inspiring and entertaining.

Although the producers' intention of presenting a great historical event is admirable, the outcome certainly would have trouble garnering an audience interested enough in history. So, a love story is almost artificially thrown in to make the movie more appealing but unfortunately bringing it too close to a commercial recipe. Even though the movie focuses on the romance, the audience doesn't see the characters in the context of the war, perhaps because of cliché scenes and unconvincing acting.

In the center of the story, there are two young and talented pilots, Rafe McCawley (Ben Affleck) and Danny Walker (Josh Hartnett), who share a brotherly bond and a passion for flying. Rafe falls in love with a beautiful Navy nurse named Evelyn Johnson (Kate Beckinsale) just before he volunteers for fighting in England in the Eagles Squadron. He

leaves promising to return, but soon word hits that Rafe's plane has been shot down in battle.

Stricken with grief, Evelyn eventually finds relief in the arms of Danny, who falls for her almost too fast. Unexpectedly, Rafe finds his way back, but only to start the typical love triangle. Soon after that, the stupendous Japanese attack at Pearl Harbor occurs, forcing the United States to enter the war. The romantic puzzle will eventually come to an end after the surprise counterattack commanded by the General Doolittle (Alec Baldwin) over Japan.

Given the simplicity of the story, it was perhaps calculated that the emotional impact would be made by the Japanese attack itself. However, even though the war scenes are extremely realistic and well shot, the audience never really has a chance to know or see most of the victims. The horrors of the war are presented, but not through the viewpoint of any particular character.

This movie is not acted poorly, but the acting is definitely not refined. Ben Affleck and Josh Hartnett perfectly fit the mold of the sexy, tough guy-type of characters, but they lack depth in

their conveyed emotions and feelings. They don't seem seriously involved either in war fighting or in romance.

Similarly, Kate Beckinsale's performance lacks brilliance and emotion and we can hardly feel the emotional struggles of her character. Alec Baldwin may be more convincing but he has only a few lines in this movie.

Nevertheless, the special effects of *Pearl Harbor* make up for most of its weaker parts. The hundreds of Japanese planes that fill up the skies, approaching their unsuspecting targets, make a strong impact on the audience. The rain of bullets and bombs that follows is visually astonishing. The sinking battleships are depicted with intensity and the rotating viewpoints of these scenes are impressive. During the war scenes, the cameras move either very fast, or in a blurry slow motion,

rendering very well the chaos and the agony of those depicted moments.

The soundtrack also plays a major role in this production. A simple yet effective theme accompanies the dramatic moments, whereas the battle scenes have no music in the background, highlighting the infernal noise of the roaring airplanes, shootings and explosions.

Pearl Harbor has all the ingredients that a great movie needs, and still, somehow, the pieces don't fuse together in the most fortunate way. The outcome is a bearable movie for its abominable length (over three hours), featuring demanding special effects, but conveying little emotion from its almost artificial love story. Nevertheless, it may be entertaining enough to merit a low-expectation viewing.



American pilots Rafe McCawley (Ben Affleck) and Danny Walker (Josh Hartnett) dodge bullets and bombs in Jerry Bruckheimer's shallow *Pearl Harbor*. ANDREW COOPER

FILM REVIEW ★½

Stale as 'Swordfish'

In the Grand Tradition of 'Battlefield Earth,' Travolta Sinks Again

By Sandra M. Chung and Joy M. Forsythe

STAFF WRITERS

Directed by Dominic Sena

Written by Skip Woods

Starring John Travolta, Hugh Jackman, and Halle Berry

Rated R

Your name is Stanley Jobson. This is your life: A few years ago you were making waves as the second best hacker in the world (as rated by *Hacker Magazine*). Then you were caught and you had to rot in prison while your evil porn star ex-wife turned your daughter into a fashion victim with a cell phone. Now you're paroled but living in a trailer in the middle of nowhere

(Texas) and pining away for your daughter since your ex-wife's divorce lawyer managed to pin an indefinite restraining order on you. It looks like you're going to spend the rest of your life driving golf balls at oil rigs.

That is, until Ginger (Halle Berry) sashays into your trailer and offers you a huge chunk of cash in exchange for your illegal services. All you have to do is pass her boss's test, that is, you must hack into the Department of Defense in less than a minute with a gun to your head and a girl named Helga giving you a blow job. Do you pass? No. Do you get the job anyway? Of course.

And then you spend the rest of the movie trying to find the answers to these questions: (1) who exactly is this boss guy (John Travolta), anyway? (2) Who is Ginger and why is she with him? (3) When do the world's two greatest computer hackers find time to maintain fashionable wardrobes, even suntans, and washboard abs? And (4) why and how do producers and studios keep pouring money into more bad Travolta movies like *Swordfish*?

Apparently Travolta has made the production of expensive, bad movies a family business. A look at the credits reveals many Travolta-lings among the extras. In retrospect he ought to have been an extra, too, as he turns in a third-rate performance as Gabriel. He sports a dye job from hell and a shallow puddle of obsessive evil, a far cry from his performance in *Face/Off*.

Halle Berry's presence is gratuitous; the only thing she brings to the movie is sheer sex appeal. Jackman takes his role as seriously as he possibly can even though he is sorely miscast as Jobson. He doesn't miss a beat with his cliché lines but occasionally he looks as if he can't possibly fathom how he got himself into this mess of a movie.

The script is so remarkably devoid of character development that the actors have virtually nothing to work with; no amount of acting talent could rescue the nonsense that is this movie.

This is director Sena's second major directing job; he recycles the filming locations and bad camera angles from *Gone in Sixty Seconds*. Sena makes the age-old action movie director's error: assume the expensive digital effects, numerous super-slow explosions, and impossible

car chases will carry the entire movie all by themselves. And what is the point to filming the first scene out of focus and drifting about?

It's as if Sena tried to make his film look like a home video shot with a professional camera. Soon he will issue a press statement that reads "I confess; I gave my 98-year-old grandmother an enormous, expensive studio camera that I didn't bother to teach her to use, and told her to film the first 15 minutes of my movie. She tried really hard but her arthritis doesn't let her hold it straight and her cataracts make her misjudge the focus." Then everyone will laugh and a reporter will say, "We knew the whole movie was a joke! How much did it really cost you, anyway?"

Most filmmakers assign someone to maintain continuity — i.e., someone who makes sure the hero doesn't magically switch guns or hair color while the camera rests for a split second on a co-star. Apparently the producers of this film didn't bother to hire a continuity man. While fleeing from the FBI, Jobson rolls several hundred yards down a steep, dusty precipice, with two agents in hot pursuit. At the bottom of the hill all three men are completely free of dust and dishevelment except for a few rips the wardrobe director put in their otherwise spotlessly clean and well-ironed blazers.

The technical adviser was also on holiday. I'm not anywhere near as computer literate as the majority of people on campus, but I couldn't resist cracking up when Berry and Travolta started throwing around technical terminology relating to encryption, or when the word "algorithm" showed up plainly misspelled on Jobson's multi-display supercomputer. The screensaver-like animation of the computer "decrypting" the security codes is highly amusing.

I spent the entire time laughing at how ridiculous the movie was and how ridiculous the audience was. The audience was probably at least 80 percent male; someone shouted a testosterone-crazed comment every 15 minutes or so. Halle Berry's many exposures and phallic references to ball bearings certainly didn't help anything.

All in all, *Swordfish* reeks of sexually frustrated, aggressive nerd angst. Were it well-directed and well-written, it could pass itself off as campy and outrageous — a movie does not have to be believable or even take itself seriously to be good — but it has so many gaping holes it flounders (no pun intended).



John Travolta lets bullets fly in Warner Bros. Picture's latest action-espionage thriller *Swordfish*. ANDREW COOPER

TOY REVIEW

Not-So-Techno Toys

Cheap, Ingenious Toys Without the Microchip

By Joel Rosenberg

ADVISORY BOARD

These days the toy industry is busy stuffing technology in their products any way they can. Dolls talk, balls light up, and even "Sit 'n Spin," the classic that lets kids whirl themselves dizzy, now plays music. But whether it's some conspiracy with the battery industry or just one Jones keeping up with the next, technology has arrived in toys.

I do think there are some cool tech toys out there. The \$200 LEGO Mindstorms Robotics Invention System is great. And since I used to work at Intel on their toys, I think the IntelPlay line, which includes the \$99 QX3 Computer Microscope, is great too.

But my favorite toys of late are really no-tech, even though they'll appeal to people who like science and technology. So here are

three toys under \$20 that you've never heard of, and that would make great gifts for that budding geek of any age who's hard to shop for — including yourself.

Can You Dig It Sand Tools\$12.99 + shipping, www.sandtools.com

A shovel and pail are fine for building an ordinary sand castle, but it takes a little more to cut it in the precise and detailed world of sand sculpture. Enter Can You Dig It Sand Tools.

This set of six durable plastic tools, designed by an award-winning sand sculptor, includes three square head shapers — the papa, the mama, and the baby — for creating features of various sizes, along with a bull nose shaper for rounds, a wedge hoe for clearing away large amounts of sand, and a c-shell scoop for more careful sand removal.



This sand castle was created solely with Can You Dig It Sand Tools at Point Pleasant Beach, New Jersey.

THEATER REVIEW

Bat Boy: The Musical

Hold Me, Bat Boy

By Fred Choi

ASSOCIATE ARTS EDITOR

Bat Boy: The Musical

Directed by Scott Schwartz

Written by Keythe Farley and Brian Flemming

Music and lyrics by Laurence O'Keefe

Union Square Theater

100 East 17th Street, New York City

Tickets \$55-\$35

Rush tickets available two hours before each show

While Broadway is busy obsessing over the phenomenon that is *The Producers* and struggling with its slew of high-budget flops and

unoriginal adaptations, off-Broadway continues to provide new, clever, and high-quality alternatives. The off-Broadway hit of this season is *Bat Boy*, a high-energy tragicomedy that is certainly the first cult show of the new century. It provides a fresh spin on the musical, a struggling art form which in recent years has felt static and stale.

The musical, which opened in late March of this year, is based on a recurring character in the *Weekly World News*, an infamous supermarket tabloid. Bat Boy, half-boy, half-bat, is found in a cave in West Virginia near a small hick town and adopted by the family of a local veterinarian, Dr. Parker. The show concerns the creature and the Parkers' efforts to integrate Bat Boy, whom they rename Edgar, into their home and their town.

Although the premise of the show is simple and faintly familiar, the show's creators (written by Keythe Farley and Brian Flemming, music and lyrics by Laurence O'Keefe) make the show a must-see by stuffing it with outrageous small-town characters, witty dialogue and songs, a host of tabloid-worthy plot twists, and a concentrated, feigned seriousness. The entirely top-notch cast, which

includes the superb Deven May as the title character, infuses the production with a *Rent*-like energy. The actors thoroughly enjoy themselves in the madcap doubling of characters (in often gender-bending roles). Under the direction of Scott Schwartz, the visual gags and the staging of the show become as indispensable as the material, especially in its inclusion of endless references (some perhaps unintentionally) to musicals as wide and varied as Julie Taymor's production of *The Lion King*, *The Who's Tommy*, Jonathan Larson's *Rent*, Stephen Sondheim's *Into the Woods* and *Sweeney Todd*, and countless Disney animated musicals.

The cast recording of the show, released this past week, loses a significant amount of the power of the stage version, including some of the show's most entertaining performances, such as May's Bat Boy, Trent Armand Kendall's Reverend Hightower, and Kathy Brier's performances as a bad-ass boy and a fluffy mayoress. On disc Kaitlin Hopkin's and Kerry Butler's Mrs. Parker and Shelley Parker are completely on target, with Butler combining the sweetness of her experience as Eponine in *Les Misérables* to the production with edgy MTV-chick teenage angst. The two play off each other with a catchy spontaneity and their duet "Three Bedroom House" is one of the disc's many highlights.

Even without the staging O'Keefe's score still stands strongly on its own. It is refreshing to fully appreciate O'Keefe's well-written songs, which are often obscured during performance by the audience's riotous laughter. O'Keefe shares Alan Menken's keen ear for pastiche, and his catchy score, though often tied a little too closely to its sources, is always effective. The songs breezily flow their way through rap, folk ballad, hoe down, gospel, and pop idioms, and O'Keefe skillfully combines the pastiche with the off-the-wall, raunchy humor of Monty Python and the rock

Available in yellow or purple, the set comes in a mesh drawstring bag so that the tools can be easily rinsed off and air dried. This is a perfect toy for summer, at the beach or in the (wet) sandbox. If the kids give you the chance, you'll be playing with Sand Tools. Otherwise you'll be wishing you had a set of your own.

WedgitsJunior Set, \$16.95 + shipping, www.wedgits.com

If LEGOs are building blocks, then Wedgits are building diamonds. Each piece is essentially a square, whose sides have a cross-section of another square rotated 45 degrees. They're like plastic rings, only instead of being round with a round cross-section, they're square. And square is cool in Wedgits.

That's because the five different sizes, each a different color, fill space in interesting ways. In a "standard" configuration, they form a pyramid. But when you start putting them together at right angles, all sorts of new spaces for other blocks pop up. And soon these things become like 3-D tangrams, starting to resemble boats and towers and frogs.

But perhaps the coolest part of Wedgits is that it's possible to make the blocks "wedge" together and form solid structures. And that's where all the fun stuff — opposing forces, levers, fulcrums — comes in. The junior set comes with 15 pieces that form a double pyramid, along with an acrylic storage base which makes it a nice toy for your desk. An activity book, design cards, and larger sets (that get much larger) are also available, but are certainly not necessary if you just want something fun and imaginative to play with.

Walkalong Glider\$9.95 + shipping, www.walkalongglider.com

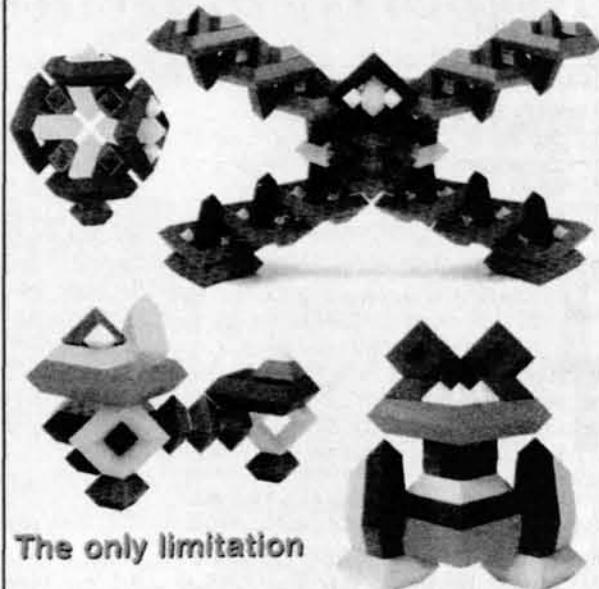
Think paper airplane, only instead of throwing it, you walk behind it and steer it, and instead of paper, it's styrofoam. And

sensibility of Jonathan Larson. Out of context, the book songs and ballads show themselves to be surprisingly melodic, as in the rousing "Hold Me, Bat Boy," the first act's perfectly paced finale, "Comfort and Joy," the tender "A Home For You," and the love duet "Inside Your Heart."

The lyrics remain surprisingly effective even after multiple listenings. O'Keefe's lyrics often display an Ogden Nash-like sense of humor as in "Children, Children," during which the spirit of the forest croons to two lovers: "The Earth's asleep, time to wake it/If you have clothing, forsake it/We want you breathless, and naked," and in the opening number during which the cast claims, "They stripped him of his dignity/They beat him like a gong/And he was kicked repeatedly/And

WEDGITS

Product Design Booklet



The only limitation

is the reach of

your imagination...

that's the Walkalong Glider.

When you walk, air is forced to flow around your body. Since some of that air flows up, if you put a wing in just the right spot it's possible to keep it aloft by slowly walking behind it. And when you want it to change position, you simply change your position, and the air flow then adjusts the wing.

I saw the Walkalong Glider on *Scientific American Frontiers*, the quality PBS show with Alan Alda www.pbs.org/saf. Alda had some initial trouble flying the Glider, as most beginners will. But it comes with instructions and suggestions such as using a board to generate lift when first starting out. Just dropping the 45 cm (18") wing and watching it soar will be inspiration enough to persevere.

While it is just styrofoam, and thus fairly delicate, the instructions say it's easy to repair. And though it may not be a great choice for the little ones, it's perfect for those who dream of flight, as well as those that don't — yet.

that was wrong!/So wrong!"

Despite its successes, however, the recording does have its flaws and reveals weaknesses in the score. The recording makes the repetition of some melodies more obvious and the counterpoint in the duets tends to be a little too predictable. The orchestrations, even with the aid of extra musicians for the recording, generally sound thin and canned. Although the recording captures the quirkiness of the show while effectively hinting at the plethora of visual and non-musical comedic moments, the cast, despite its noble attempts, fails to fully suggest the explosive excitement of the live performance.

Enjoy the CD, but for the full experience, check out the show, currently running indefinitely in New York.

ORIGINAL CAST RECORDING



RCA VICTOR

FILM REVIEW★★★

'Moulin Rouge' Stands Out as a Technicolor Fantasy

Director Luhrmann's Newest Doesn't Lack in Substance What it Revolutionizes in the Art of Dazzle

By Fred Choi

ASSOCIATE ARTS EDITOR

Directed by Baz Luhrmann

Written by Baz Luhrmann, Craig Pearce

Starring Nicole Kidman, Ewan McGregor, John Leguizamo, Jim Broadbent, Richard Roxburgh

Rated PG-13

The plot of the new film *Moulin Rouge* is something like *Shakespeare in Love* meets *La Boheme*, but the feel of the film itself includes the dizzyingly fast-paced editing of an MTV music video, the garish glamour of *Strictly Ballroom*, the melodrama of Bollywood, the society of *La Traviata*, and the stark colors of Toulouse-Lautrec's painting.

The clear mastermind behind all of it is director Baz Luhrmann, who also shares writing credits with Craig Pearce. The duo was also responsible for the hilariously offbeat *Strictly Ballroom* (1992) and their popular and oftentimes clever 1996 modernization of Shakespeare's *Romeo and Juliet*. It is unsurprising that Luhrmann views *Moulin Rouge* as the last in a trilogy of movies he calls his "red curtain" movies.

For anyone familiar with his previous two films, half the fun is spotting the elements in *Moulin Rouge* which have been borrowed from his other works (the most obvious being the "L'amour" sign outside Christian's win-

dow, which actually dates back to Luhrmann's production of *La Boheme* for the Sydney Opera House. Another is the green absinthe which the bohemians drink, which recalls the hallucinogens taken by Romeo and his friends.) However, like a director who knows that he is working on his final film, Luhrmann indulges himself to an extreme level and packs *Moulin Rouge* with so many punches, especially in the first half hour, that it is difficult not to feel a little bruised.

The movie's opens with a completely bewildering swirl of images in which we meet our hero, Christian (wonderfully played by Ewan McGregor), a writer who escapes the world of the *bourgeoisie* to pursue a new life. Christian falls into the company of a group of "bohemians" (the most memorable of which are John Leguizamo as Toulouse-Lautrec and Jacek Koman as "The Narcoleptic Argentinian") and agrees to join their production, fancifully entitled, "Spectacular Spectacular."

The bohemians' scheming and a fortuitous case of mistaken identities culminates in a raunchy and farcical meeting of Christian and Satine (the irresistibly lovely Nicole Kidman), the star of the Moulin Rouge and a top-priced courtesan, and the beginning of their secret romance. The remainder of the film follows the conflicts between the true love of Christian and Satine and Satine's illness, her desire to be a real actress, and her duty to the Moulin

Rouge. All of these are manifested in the form of the greasy Duke (Richard Roxburgh) who, believing that Satine loves him, is funding a complete renovation of the Moulin Rouge and a new show.

From the first moments of the film it is clear that economy or subtlety have no place in Luhrmann and Pearce's world. The presen-

with "Diamonds Are a Girl's Best Friend." Songs also function as dialogue and help build scenes. The riotously funny razzle dazzle treatment of Madonna's "Like a Virgin" surfaces in a scene in which Zidler, the owner of the Moulin Rouge (Jim Broadbent), hurriedly gives an excuse for Satine's failure to meet the Duke as demanded.

The use of these songs is clever and wildly creative, and oftentimes surprisingly effective, such as Christian's first profession of love in the form of Elton John's "Your Song" and the tango-fied version of the Police's "Roxanne." In context, the use of these modern songs becomes more than just a gimmick or a nostalgic effect, and hearing these pop love songs sung as true expressions of love is refreshing. They lead us to reexamine the emotion behind the familiar songs.

Although the supporting characters generally lack depth and stick to their "type," the development of Christian and Satine is generally believable. The stylized form and the outrageous humor rarely allow the audience to get too close to the lovers. Yet McGregor and Kidman's fine acting within the familiar story, as with the skillful use of the pop love songs, causes us to reexamine the emotions behind the story. And for those wondering "can they sing?" The answer is an emphatic yes. And for that *Moulin Rouge* is a Technicolor fantasy worth seeing.

*And for those wondering
"can they sing?" The answer
is an emphatic yes.*

tation is highly stylized and scenes tend to be familiar "types," such as the Victorian farcical scene in which an illicit lover is hidden and hurriedly concocted excuses grow progressively ridiculous as more and more people contribute. Despite the familiarity, these scenes are entertaining as Luhrmann and Pearce shape the material into memorable, over-the-top moments with their characteristic wit.

The film's most intriguing concept is its use of anachronistic songs. The opening scene at the Moulin Rouge features a catchy remake of "Lady Marmalade" and Nicole Kidman's performance of "Material Girl" juxtaposed

FOOD REVIEW

The Essential Vegetarian

Final Farewell

By Katie Jeffreys

STAFF WRITER

This is it: the last Essential Vegetarian column I will be writing. In my columns I have covered everything from the nutritional and environmental reasons for being vegetarian to how to survive in Europe as a vegetarian. At one point I spent a week trying out veganism, recognizing the difficulty of that lifestyle in college. My work has brought me in contact with Aramark management, the lawyer suing McDonald's on behalf of vegetarians, and countless MIT community members who e-mail or approach me.

The most frequent question I get is "Why are you a vegetarian?" Usually I respond simply, "I don't like meat." However there are so many more reasons to be vegetarian that I have discovered since making the switch nearly six years ago. I don't think that by sharing this knowledge in this column I have converted anyone into a vegetarian, but it is my hope that the vegetarians (and non-veggies) who read this column are a little more informed and at least entertained enough to not fall asleep in 8.01 lecture while doing so.

Sadly, just as I am about to graduate, a new vegetarian food delivery service opens in Boston. The company, called To Life! Natural Food Corporation, prepares a different menu each day, e-mails it to customers, and then delivers the food at a requested time. The general manager of the company is a Harvard student, cross-registered at MIT. She informed me of the service and I decided to give it a try. Most of the food is in fact vegan, and the company is very honest with the ingredients it uses. I ordered a sampling of many of the dishes they offered and was impressed. It is not gourmet, but it is a convenient, economic way of getting vegetarian food, comparable to the food trucks.

The appetizer of the day was a croquette, which was rather boring and very greasy. I chose the potato salad, which could have benefited from a little more spice. Next up was penne in a creamy spinach sauce, which was probably the best entrée I tried. Each day several rice dishes are offered, and I chose butternut squash as the rice accompaniment. Both were quite tasty, but would not constitute a meal. I also ordered a side dish of the stuffed zucchini, which were filled with vegetables and grain and topped with marinara sauce. This dish was the biggest surprise. I thought I wouldn't really care for it, but it was really quite tasty, and the consistency was not at all tough or chewy. But wait, there's more. I ordered a veggie burger with guacamole, which at press time I hadn't gotten around to eating. And for dessert, there was apricot and strawberry flan. I am usually not a big flan fan, but these little mounds of wobbly goo were really very good. For some reason the apricot one became a little runny, but it was still a very mild flavor that suited the dish.

The best part about the meal? All the food I ordered cost only \$20. So far the food has consisted of two dinners and four snacks, and it is maybe half consumed. To Life! can be reached at (617) 416-0696 or at <ToLifeFood@aol.com>.

As always, feel free to contact me at <veggie@the-tech.mit.edu> for the short time it will be my address.

My recipe this week is an old favorite that ran in the second column I wrote. I made this again just last week to rave reviews.

Spinach Orzo Casserole

1 small bag of orzo pasta

2-3 cloves garlic

1 bag of fresh leaf spinach

1 container crumbled feta cheese

1 cube vegetable bullion

1 cup water

Cook the orzo as directed on the package. While the pasta is cooking, put the garlic in a blender and dice. Add spinach gradually until it is also diced. Add the bullion to the cup of water and microwave until the bullion is dissolved. When the orzo has finished cooking, drain it and mix the spinach and garlic paste in until the pasta is evenly coated. Put the pasta mixture in a casserole dish (about 9" x 9") and drizzle the broth over it. Sprinkle the feta cheese on top. Bake at 350 degrees for about 30 minutes to soften cheese. Works well as a side or main dish.

VIDEO GAME REVIEW

Start Your Rollers!

Kirby: Mixing Old with New

By Chad Serrant

STAFF WRITER

Kirby's Tilt 'n' Tumble (Nintendo)

Rated E for Everyone

\$29.99

This game brings back memories. It reminds me of the old days when it was just you, the end of the stage, and a lot of retries. But there are two major differences. For one thing, it's on a Game Boy Color. For another, there's a motion sensor device! Do you know what this means?

This game is rad to the max!

In this *Kirby's Tilt 'n' Tumble*, our round pink hero Kirby has to recover all of the lost stars from his home planet, Popstar. Kirby acts as a ball in this game, and the game has an overhead camera angle. The motion sensor device can detect how far you have tilted your Game Boy. This means you can tilt your Game Boy slightly forward, and Kirby will roll down the hill. If you point it at the floor, Kirby takes a nose dive. You can also tilt him to the side and he'll move there. If you quickly "pop" the Game Boy towards you, Kirby will jump.

The real fun of the game is that Kirby is set in stages where careful aim and timing is required. There are several areas, for example, where Kirby has to move in a circular motion to hit several switches in a limited amount of time so he can reach a platform that will catapult him over a bed of spikes. There are other stages where Kirby has to move over several small islands, and you have to time his jumps properly. This is the meat of the game. It will undoubtedly remind old-school gamers of when games weren't about flashy graphics or cool 3-D models; they were about failing time and time again until you had so much skill you could beat the game in ten minutes with your eyes closed and your hands tied behind your back. You owned the game, and you were damn proud of it.

Anyone who has ever played *Contra*, *Megaman*, *Super Mario Brothers*, *R-Type*, or any other "keep losing 'till you conquer it" game will remember. But in *Kirby's Tilt 'n' Tumble*, you get a lot of extra lives (I had 30 lives when I was in stage 2-1) so you don't

have to annoyingly restart the game at every turn.

This isn't as easy as the games you'll find in the realm of 3-D, and that's a good thing. Instead of just wowing you with good graphics, *Kirby's Tilt 'n' Tumble* will force you to think. If you go too fast, you'll make careless errors and fall off the edge. But each stage is timed (yes, a timer that shouldn't be there due to story! Go *Ninja Gaiden*!) so you can't just sit there. Kirby gets mad when he runs out of time.

The graphics are great, as far as Game Boy games go. Everything is bright, cheery, and recognizable. There is a lot of animation as well (it's amazing how many frames it takes to rotate Kirby once.) The checkered floor look common in every Kirby game is here too, so it's fun to see that they kept the Kirby theme intact.

The game also shows closeups of his face in between stages. His various facial expressions range from happy to intrigued, and that was fun to see (albeit a bit scary).

Many people don't listen to Game Boy's sounds, but I'm happy HAL laboratories didn't skimp on the music. The music is happy and cheerful yet encouraging as usual in Kirby's lands. Kirby also has several synthesized voices in the game, from his universal "Hiiii!" to the strange grumble he makes whenever he loses a life (don't forget the sound of his yell whenever he falls off a cliff).

I recommend this game to everyone who has a Game Boy Color. It makes good use out of its new motion sensor device while it forces the gamer to use old school-style guerrilla tactics to survive. Resurrect the old NES game fanatic you used to be, or just abuse the new motion device. It will be one of the greatest experiences you will have on the Game Boy Color.

Graphics 8.5**Gameplay 7.5****Sound 7.5****Replay Value 7.5****Overall Rating 8.0**all scores
out of 10**ATTENTION: Athletic Locker Holders**

All locker rentals expire June 30th. You now have the opportunity to renew your locker for the 2001-02 academic year at the du Pont equipment desk.

Any locker that is not renewed or cleaned out, will have its lock and contents removed. The contents will be held in storage (\$10 fee) and may be claimed until July 31st. Any item not claimed by July 31st will be donated to charity.

Thanks for your cooperation.

FILM REVIEW

PlanetOut.com's Second Queer Short Film Festival

Real Entertaining Real Videos

By Fred Choi

ASSOCIATE ARTS EDITOR

PlanetOut.com's Second Annual Film Festival Presented by PlanetOut.com, atomfilm.com, Miller Lite, and Paper Magazine <http://movieawards.planetout.com>

Just in time for National Pride Month and Boston's Gay Pride Week (which will include the march through Boston this Saturday at noon starting in Copley Square), comes PlanetOut.com's second annual Online Queer Short Film Festival (PlanetOut.com is a leading Internet media company for the gay, lesbian, bisexual, and transgender community). Out of almost 200 submissions, 26 finalists have been selected in five categories (drama, comedy, animation, experimental, and documentary). A selected jury will choose a winner from each of the five categories who will receive \$1,000, as well as a Grand Prize winner who will receive \$10,000. Audience Awards will also be given to films based on the results of online votes throughout the month of June cast at <http://movieawards.planetout.com>.

The 26 movies that are finalists in the competition all run less than 20 minutes, and many are less than 10 minutes long. This year's films are of higher quality than last year's solid selections and, with the exception of the documentary category, the short films mentioned below, and a few others, most of the films are disposable and don't leave a lasting impression. Still, there's a bit of something for everyone among the films, which feature a wide range of emotions, subjects, ethnicities, and styles, from the high-budget to the minimalist, the savvy to the silly, and the side-splitting to the tear-jerking. All of these films will surely appeal to men/women/straight/queer folk alike.

Unlike last year's warm, thought-provok-

ing, and artistic shorts, this year's entries are generally less memorable because they often rely on a single gimmick, replace flashy cinematic tricks for substance, or borrow too heavily from conventional "straight" cinema. The shorts that succeed are the ones that avoid the common traps of queer cinema, such as gratuitous sex or nudity or fixating on the coming out process, and fully incorporate the queer experience without merely substituting queer characters into an otherwise trite story.

Below are my picks for the top shorts in each of the five categories. Log in and see if you agree — half the fun of the film fest is reading what others have to say.

Documentary: *XXXY*

By Laleh Soomekh and Porter Gale

The documentary category is definitely the strongest of the five categories of the festival. Each of the five documentaries examines a different subject, and, unlike last year's festival, which consisted of unoriginal coming-of-age stories, this year's documentaries feature important and eye-opening stories. Topics include the fight for freedom from harassment for students in California, one officer's struggle for equality within the Los Angeles Police Department, and one lesbian couple's unique occupation. The most fascinating documentary, and my pick for overall winner, is *XXXY* (which consists of interviews with two intersex people). The film points out that in 2000 people are born with genitalia neither completely male nor completely female, and the film examines the pressure the medical community puts on intersex people and their parents to undergo surgery to fit them into a male or a female mold. The film, although at times a little too distant, is effective because it avoids cloying sentimentality and focuses clearly on a specific aspect of its subjects without avoid-

ing other issues. A very close second is *Destiny's Children* (by Kevin O'Keefe), which focuses on a gay man in Canada and his 17-year long struggle to adopt children.

Although the documentaries tend to run longer than the other short films, all five are worth seeing.

Animation: *Piki and Poko Adventures in StarLand*

By Mark Ewert and David Cutler

Piki and Poko Adventures in StarLand easily blows away the other competition (including the fairly entertaining *The Rape of Ganymede*, by Dustin Woehrmann and Tom Whitman, a short which features a queer reinterpretation of Greek mythology and pokes fun at Disney's *Hercules*). For the festival, the short features the first three episodes of the online series (apparently now in its 26th episode). *Piki and Poko* is by far the most well-designed and addictive of the web cartoons I have seen so far. The cartoon concerns two Japanese school girls, one a cheerleader (Piki) and the other a bookworm (Poko), who have a questionably close friendship, and their superhero adventures. The three episodes are completely captivating for audiences of all ages and orientations, with their outlandish plot twists, bright animation, and dazzling and creative array of characters and situations. The short introduces the main premise of the series, which is for the duo to become "eternal martial arts astrology warriors" and save Starland, which "has been in tune with the celestial dance mix" but has been taken over by an evil being. Highlights from the short include Piki's gain of "the power skirt" and a scene with the Martha Stewart villain of Starland who tells Piki: "You mustn't worry so, you'll get little lines on your forehead," and points out that in Starland she must follow "manners, not logic." This is the

festival's only non-documentary must-see.

Drama: *Lives of the Pharaohs*

By Jonathan Wald

Unlike last year's generally entertaining finalists, this year's drama and comedy films are almost all disappointing. The dramas in general tend toward the melodramatic, and although *Baby Steps* (by Geoffrey Naauwts) features Kathy Bates as a homophobic adoption agency head, the only really well-done drama is *Lives of the Pharaohs* (by Jonathan Wald). The film revolves around scenes at Passover dinners, and it perceptively traces a Jewish woman's confusion when a friend from college visits and causes her to question her previously complacent family life. It is beautifully done and moving.

Comedy: *Hi I'm Steve*

By Robert Kennedy

Although *50 Ways* (by Angela Robinson) is quite well-done and *Trigger Happy* (by Laurie Schmidt) is amusing even despite its reliance on one half-baked joke, *Hi I'm Steve* by Robert Kennedy gets my vote for the best comedy. The short concerns the familiar world of personals ads, but with an engagingly quirky, off-beat humor and surprise ending.

Experimental: *Casualty*

By Andy Abrahams Wilson

As was generally true with last year's entries, the experimental films this year merely muddy the waters to make them look deeper. *Casualty* by Andy Abrahams Wilson is a poetic and interesting film filmed entirely underwater and, according to PlanetOut's description, "highlights the unraveling of an intimate relationship." Despite its somewhat trite symbols the film is creative and poetic.

VIDEO GAME REVIEW

'Oracle of Seasons'

Link's Latest, But Still So Good

By Chad Sarrant

STAFF WRITER

Legend of Zelda: Oracle of Seasons (Nintendo)
Rated E for Everybody
\$34.99

Hype: it's one of those words I don't like. Usually, the more you hype a game, the worse it becomes. The *Zelda* series is a well-known series and has been the recipient of tremendous hype as of late. But ... dang it, *The Legend of Zelda: Oracle of Seasons*, uncannily rivals the great hype with a great game to match.

Oracle of Seasons and its twin sister, *Oracle of Ages*, are the two latest games to hit the Game Boy Color. Nintendo is good at making *Zelda* games playable. They are also good at using the same basic gameplay formula, but making it varied enough so you aren't bored of playing it.

Oracle of Seasons starts with the hero, Link, entering the new and unfamiliar world of Holodrum. He meets Din, a mysterious woman who forces him to dance with her (for all of his fighting skills, he is still a very shy guy). Link's other problem is that evil forces spring up out of nowhere and screw up the world he is in. Right on cue, the general of Darkness, Onox, enters and captures Din. She is actually the Oracle of Seasons, and without her guidance, the seasons are thrown out of order. This will eventually destroy the world, so Link has no choice but to go on a journey and kick some butt.

People who have played other *Zelda* games will find the game to be very familiar. You must travel through the overworld to reach the eight dungeons that you must conquer to save the world. Each dungeon has locked doors, monsters, new weapons, and the occasional boss to defeat. When you do this, you are rewarded with more life and some hints on the next dungeon. Between dungeons, you are talking to people, getting money, using your equipment, and exploring new areas. Everything nicely intertwines together in a cornucopia of happiness, and there is enough variety that you won't get bored of it.

Oracle of Seasons adds several gimmicks and bonuses to keep things fresh and avoid redundancy. Throughout the game, you can find rings that give you small bonuses. The rings make life a lot more convenient. My

favorite is the "Blue Holy Ring," which nullifies fireball attacks, so I can swim in peace. Another feature is the rides on which Link goes. Link gets to ride a kangaroo, a lizard, and a flying bear. Link eventually gets a flute that allows him to summon one of them. There's just something about riding a flying bear that works in this game.

Link also gets a collection of weapons that allows him to travel further and fight better. Link's boomerang lets him stun enemies from far away. Roc's feather, one of my favorite items, lets Link jump over small pits. The slingshot makes its first appearance on the Game Boy Color, and it allows Link to shoot enemies from afar. The magnetic gloves are really fun because Link can attract and repel magnetic objects, or he can drag his own body towards them.

The dungeons are just the way I like them: long and tough. You have a fair amount of freedom to roam around the dungeon, so you don't have a feeling of being cramped. The dungeons have a lot of puzzles to keep you entertained, too. The dungeons are blended well so you aren't simply button mashing, but you're not getting frustrated while tackling and endless wave of puzzles.

The graphics are above average for the Game Boy Color, but it still has a tile pattern on all of its surfaces (then again, the game is huge, and this is a Game Boy Color). The sound is okay, but varied (as if you'll care...). You won't even notice the windmill music from *Oracle of Time* (it's there, I promise you.)

As a cheap marketing ploy, you won't finish the game once you beat the final boss in *Oracle of Seasons*! Instead, you will get a password that lets you continue your quest in *Oracle of Ages*. You get new bonuses, secrets, and bosses to find and discover. This forces you to buy both games if you want everything.

But dang it! I'll fall for their trap. *Oracle of Seasons* is so good I'm going to buy *Oracle of Ages* anyway. But who would ever think of creating two games and forcing you to buy both to get the whole experience? Gotta catch 'em all!

Graphics 7.5	Gameplay 9.0
Sound 7.5	Replay Value 8.5
Overall Rating 9.0	
all scores out of 10	



The MIT Symphony Orchestra premiered works by student composers Bogdan I. Fedele '02, Mark S. Ethier '01, Sam H. Thibault G, Anand D. Sarwate '01, David M. Foxe '03, and Che King Leo '01 during a concert held Tuesday, May 15.

The Fannie and John Hertz Foundation

Takes great pleasure in announcing its Fall 2001 Fellowship awards.

Mr. Daniel Adkins

Graduating in Computer Science from Massachusetts Institute of Technology and

Mr. Garry Maskaly

Graduate Student in Materials Science and Engineering from Massachusetts Institute of Technology

are two of 21 Hertz Foundation Fellows chosen from a field of 570 applicants to receive a five year, \$200,000 Graduate Fellowship award in the applied physical sciences. The Hertz Foundation would like to extend its congratulations to Massachusetts Institute of Technology for attracting these Fellows to their undergraduate and graduate programs.

See www.hertzfoundation.org for more details.

Clubs

Axis
13 Lansdowne St., 617-262-2437

Sundays: See Avalon below. Mondays: Static. Gay, casual dress. \$5, 18+. Thursdays: *Chrome/Skybar*. Progressive house, soul, disco; dress code. \$10, 19+; \$8, 21+. Fridays: *Spin Cycle*. Progressive house, 80s. \$12, 19+; \$10, 21+.

Avalon
15 Lansdowne St., 617-262-2424

Sundays: *Gay Night* (with Axis on long weekends). Featuring hardcore house and techno. \$10, 21+. Thursdays: *International Night*. Eurohouse. \$10, 19+.

Fridays: *Avaland*. House. \$15, 19+.

Saturdays: *Downtown*. Modern house, club classics, and Top 40 hits. \$15, 21+.

Circle
Every Tuesday, 9 p.m.-1 a.m. A small but energy-filled place to hear local DJs spin a range of techno/trance. No age restrictions, no dress code. At the VFW, 371 Summer St., Somerville (take the Red Line to Davis Square). \$5, \$1 before 9:30.

Karma Club
9 Lansdowne St., 617-421-9595

Sundays: "Current dance favorites" by guest DJs. Cover varies.

Tuesdays: *Phatt Tuesdays*. With Bill's bar, modern dance music. \$10.

Wednesdays: *STP*. Gay-friendly, house. \$15, 21+.

Thursdays: *Groove Factor*. House.

Fridays: *Pure*. Drum and bass, guest DJ. \$15, 19+.

Saturdays: *Elements of Life*. International House. \$15.

ManRay
21 Brookline St., Cambridge, 617-864-0400

Wednesdays: *Curses*. Goth. Appropriate dress required. \$5, 19+; \$3, 21+.

Thursdays: *Campus*. Popular tunes + House. Gay, casual dress. \$10, 19+; \$7, 21+.

Fridays: *Fantasy Factory*. (First and third Friday of the month. Features kinky fetishes and industrial music.) *Hell Night* (every second Friday). 19+. Includes Goth music.) *Ooze* (the last Friday of the month.) \$10, 21+. reduced prices for those wearing fetish gear.

Saturdays: *Liquid*. Disco/house + New Wave. \$15, 19+; \$10, 21+.

Popular Music

Axis
13 Lansdowne St., 617-262-2437

Next: 423-NEXT

Jun. 10: Stereo MC's.

Jun. 13: Mourning Widows.

Avalon
15 Lansdowne St., 617-262-2424

Jun. 24: Air.

Jun. 28: Doves.

Jul. 14: Reel Big Fish.

Jul. 21: Brian Setzer's '68 Comeback Special.

Berklee Performance Center

Berklee College of Music
1140 Boylston St.

Free student recitals and faculty concerts, 4 p.m. and 7 p.m. some weekdays. For info on these concerts, call the Performance Information Line at 747-8820.

Jul. 25: Rhythm of Love.

Club Passim
47 Palmer St., Cambridge, 617-492-7679

Tuesdays: Open Mic at 8 p.m. (sign up at 7:30). \$5. un. 9: Diane Zeigler.

Jun. 10: Dee Carstensen, Edie Carey.

Jun. 10: Afternoon of Music for Jairo.

Jun. 13: Steve Earle, book signing.

Jun. 14: Einstein's Little Homunculus.

Jun. 15: Greg Greenway.

Jun. 16-17: Live From New York.

Jun. 20: Oen Kennedy CD Release, Terence Hegarty.

Jun. 21: Chic Street Man.

Fleet Center

Ticketmaster: 931-2000.

Jun. 8-9: U2. Sold out.

Foxboro Stadium

60 Washington St., Foxboro, MA 02035, 508-543-3900

Ticketmaster: 931-2000.

On The Town

A weekly guide to the arts in Boston

June 8 - 15

Compiled by Fred Choi

Send submissions to ott@the-tech.mit.edu or by interdepartmental mail to "On The Town," The Tech, W20-483.

Jun. 16-17: Dave Matthews Band.

The Middle East

Central Square, 354-8238
Ticketmaster: 931-2000.

Jun. 8: The Faint.
Jun. 9: Lyres.
Jun. 10: Stan Stricklands Trance Dance Experience.
Jun. 10: Clientele.
Jun. 12: Shannon Wright Clairvoyants.
Jun. 13: Lloyd Cole.
Jun. 13: Lot Six Pilot To Gunner.
Jun. 14: Luna.
Jun. 14: Uz Isme Doma.

Orpheum Theatre

1 Hamilton Pl., Boston, 617-679-0810
Ticketmaster: 931-2000

Jun. 9: Lil Bow Wow.

Tsongas Arena

Lowell, MA
Ticketmaster: 931-2000.

Jun. 22: Green Day.

Tweeter Center for the Performing Arts (Great Woods)

885 South Main St., Mansfield, MA 02048
Ticketmaster: 931-2000

Jun. 11: The Black Crowes and Oasis.
Jun. 16: Lynyrd Skynyrd.
Jun. 21: Jam'n 94.5 Summer Jam with Jay-Z, Lil Bow Wow, & Ja Rule.
Jun. 22: The Allman Brothers Band.
Jul. 25: Bon Jovi.
Aug. 8: Ozzfest 2001.

Jazz Music

Regattabar

Concertix: 876-7777
1 Bennett St., Cambridge 02138, 617-662-5000

Jun. 8: Gary Burton.
Jun. 8: Makoto Ozone.
Jun. 16: Ronnie Earl.
Jun. 28: Luciana Souza.

Scullers Jazz Club

DoubleTree Guest Suites, 400 Soldiers Field Rd., Boston, 617-562-4111

Jun. 8: Alex Bugnon.
Jun. 12: Sherman Irby Trio.
Jun. 13: Lynne Ariale Trio.
Jun. 19: Andre Ward.
Jul. 13-14: Jimmy Smith.

Classical Music

Boston Pops

Tickets: 266-1492.
Performances at Symphony Hall. Call for ticket prices.

Performances conducted by Keith Lockhart unless otherwise noted. The Pops performs most days starting May 8, generally at 7:30 p.m. on Sundays and Mondays and at 8 p.m. other days of the week. Check www.bso.org for full schedule.

Jun. 9: Swing, Swing, Swing. Sold Out.

Jun. 10: Latin Night at 7:30 p.m. Symphony Hall sizzles as the Pops perform selections from their latest CD, *The Latin Album*. The program will also include the infectious rhythms of Cuban pianist/composer Ernesto Lecuona. Available tickets \$35-\$18.

Jun. 12: Salute to Richard Rodgers.

Jun. 23: Music of Ellington, Basie, and Miller.

Jun. 24: Air.

Jun. 28: Doves.

Jul. 14: Reel Big Fish.

Jul. 21: Brian Setzer's '68 Comeback Special.

Jul. 25: Rhythm of Love.

Club Passim

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Tuesdays: Open Mic at 8 p.m. (sign up at 7:30). \$5.

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COURTESY MSO

The Black Crowes (above) co-headline with Oasis in the Tour of Brotherly Love on Monday at the Tweeter Center.

on Broadway as a composer/lyricist in 1955. The untimely death of its producer halted its production and although songs turned up occasionally in tributes and reviews, the show didn't receive its long-awaited New York debut until January 18, 2000. The show remains largely intact with only minor revisions (as Sondheim pointed out in an interview with *The New York Times*: "There are some things that embarrass me so much in the lyrics ... But I decided, Leave it. It's my baby pictures. You don't touch up a baby picture.") While a definite must-see for Sondheim devotees, the romantic comedy won praise from critics for its youthful energy, bright melodies, and even then obvious wit and heart. Directed by Will McGarrah. Performances Wed. through Sat. at 8 p.m.; Sun. at 7 p.m. Sat. matinees at 2 p.m. Jun. 16, 23, and 30. Tickets: Wed., Thurs., Sat. mat., and Sun.: \$28, \$25 students and seniors. Fri. and Sat. Evenings: \$31, \$28 students and seniors. For reservations, call the box office at 617-437-7731 and visit www.speakeasystage.com for more information.

Ragtime
Fri. Jun. 8 at 8 p.m.; Sat. Jun. 9 at 2, 8 p.m.; Sun. Jun. 10 at 2, 7:30 p.m., at the Wang Theatre (270 Tremont St., Boston, Green line to Boylston T stop): The Tony award-winning show written by Lynne Ahrens and Stephen Flaherty is based on E.L. Doctorow's astonishing evocation of America at the turn of the century. As in the novel, *Ragtime* draws on the important figures of the day (Emma Goldman, George Washington Carver, Evelyn Nesbitt, Harry Houdini, Henry Ford) and mixes them with a fictional family whose middle-class security is mortally challenged by volatile social changes. For more information, call the Wang Theatre at 617-482-9393.

Richard II
Through Jun. 10, presented by the SpeakEasy Stage Company, performed at The Lyric Stage, 2nd Floor of YWCA bldg., 140 Clarendon St., Boston: Saturday Night, a charming musical with book by Julius Epstein (of *Casablanca* fame) was to have been a 23-year old Stephen Sondheim's debut

(566-1401), Tues.-Sun. 11 a.m.-5 p.m. Admission \$10 (\$11 on weekends), \$7 for seniors, \$5 for students with ID (\$3 on Wed.), free for children under 18. The museum, built in the style of a 15th-century Venetian palace, houses more than 2,500 art objects, with emphasis on Italian Renaissance and 17th-century Dutch works. Among the highlights are works by Rembrandt, Botticelli, Raphael, Titian, and Whistler. Guided tours given Fridays at 2:30 p.m.

The Glass Menagerie

Jun. 19-Jul. 10, presented by the American Repertory Theater, at the Loeb Drama Center (64 Brattle Street, just outside Harvard Square in Cambridge): The A.R.T. presents the acclaimed Hartford Stage production of Tennessee Williams' classic, featuring Elizabeth Ashley & Andrew McCarthy. In a story revealed through memory and haunted by an absent father, the play glimpses the Wingfield family's struggle to hold its ground in 1939 St. Louis. Directed by Robert Woodruff. To reserve tickets or for more information call 617-547-8300 or visit www.amrep.org. Tickets \$45-\$20.

Comedy Connection

Mon.-Wed.: 8 p.m.; Thurs. 8:30 p.m.; Fri. and Sat. 8 p.m., 10:15 p.m.; Sun. 7 p.m. The oldest comedy club in Boston showcases big-name, national comedians on weekends and up-and-coming local talent during the week. At 245 Quincy Market Place, Faneuil Hall, Upper Rotunda, Boston. Admission \$10-\$8 (weekend prices vary). Call 248-9700 for more information and a complete schedule.

Blue Man Group

Charles Playhouse, 74 Warren Street, Boston, indefinitely. Curtain is at 8 p.m. on Wednesday and Thursday, at 7 and 10 p.m. on Friday and Saturday, and at 3 and 6 p.m. on Sunday. Tickets \$35 to \$45. Call 426-6912 for tickets and information on how to see the show for free by ushering.

Exhibits

Isabella Stewart Gardner Museum

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DANCE REVIEW

The Perfect 'Escape'

Dance Troupe Delivers Sensational Spring Concert

By Bess Rouse

Spring 2001 Concert: Escape
Presented by Dance Troupe
La Sala de Puerto Rico
Friday, May 18 – Sunday, May 20

The "Go Suelin's" started even before the house lights dimmed — signaling the beginning of this term's Dance Troupe show, *Escape*. Anyone who has ever attended or performed in a Dance Troupe concert is familiar with these enthusiastic calls from the audience. Occasionally someone besides Suelin Chen '03 is singled out, such as Yee Lam '01 or the "McCormick girls," but "Go Suelin" or "Sue-Lin-Chen" seems to have become a general call of support and excitement.

In "Arise," one of the first pieces of the performance, the 13 dancers pulsed to the electronic music of Brainbug. Many of the moves were mechanical and reminiscent of old-school techno. Midway through the dance, a strobe light flashed and the dancers stripped off their tank tops revealing total spandex-colored sports bras and tight black pants. The choreographers, Katrina Lust '03 and Lyci Hillman '03, seemed to take the stereotypical

exercise video to a whole new level.

Sarah Funderburk '04 used music by Moby for her dance "The Unfaithful." With the theme of prayer, the piece featured dancers clutching their hands to their chest while swaying in circular motions as they kneeled in profile. Spaced throughout the dance, this motion was repeated later as the dancers stood, and at the end in three different levels — kneeling, lunging, and standing.

In one of the other pieces, Rebecca Lipon '03 used the influence of ballroom dance to create something unique to the concert in "Seeking Fulfillment." The dance was composed of two couples with entirely different sentiments. One was passionate and playful (Lipon and Garrett Peavy '04), the other serene and reserved (Haixia Lin G and Fernando Padillo). Both did strikingly complicated turns and difficult lifts — one of the men lifted his partner in a press over his head, she rolled down his body, and he caught her just before she hit the ground, for example.

Beginning with blue spotlights circling the stage, Connie Tao '04 and Janet Lai's '04 dance "Rods and Cones" gave a new interpretation of the music of Blue Man Group. Similar to the performers in Blue Man Group, the dancers clapped and slapped their bodies and

the floor, creating rhythmic patterns. In order to make such a dance effective the dancers needed to be perfectly synchronized ... and they were.

Combining jazz and ballet, Haixia Lin and Ailin Yang choreographed their dance, "Protection," to the sensual music of Massive Attack. In elegant dresses, the dancers moved seamlessly from one step to the next, tipping forward with their legs raised behind them, bending backwards with the legs extended to the front, and interweaving their arms with one another.

In a similar style, Carol Cheung truly captured the music of Elliot Smith in her untitled piece. The emotion of the movement varied from being happy and almost hopeful, to sad and passive. Evidently inspired by the work of Paul Taylor, the women in the dance wore bluish-gray dresses in the style of country housewives. At a certain point, the light turned red and the dancers seemed almost otherworldly. The piece ends in a sort of duet in which Ailin Yang '02 and Fernando Padillo slipped past each other and off stage — emphasizing the music's theme of a love missed.

Cheung's second dance in the show, "Missed Distance" to the music of Barenaked Ladies, was equally strong. I was drawn into



MING-TAI HUH—THE TECH

the piece, and judging by the cheers, the rest of the audience must have been as well.

Almost in response to their naughty reputation, the funk and hip-hop pieces presented the dancers as strong, dominant women, and not scantily clad sex objects. The women in "Show Me Watcha Got," choreographed by Siu-Li Kho, wore cargo pants and tank tops as they strutted and danced with attitude. The two men, though smooth, were dominated by the group of women.

In "What Up Fool!" the dancers wore long sleeve shirts under short sleeved ones and Bjork-ish pigtail buns in the hair. The dance, choreographed by Judi Ramsical, consisted of strong, sharp movements to the music of Ginuwine. Of the six hip-hop styled pieces, "Whoop!" was the most flirtatious. However, Emily Le, the choreographer, did keep with the general trend of strong women and costumed her dancers in army camouflage, with bare midriffs of course.

One of the most impressive parts of Dance Troupe in general, is the high quality of these hip-hop pieces. The majority of the dancers look strong and confident in their abilities, and the dances consistently appear well rehearsed and together. Also, even though some choreographers and dancers are regulars on the Dance Troupe stage, new choreographers and dancers also seem to regularly turn up.

MIT appears to an extraordinarily high number of talented hip-hop dancers, and the audience is certainly thankful for it. Even though the show ran the weekend before final exams, Dance Troupe drew large crowds — evidently providing the perfect *Escape* from studying.



MING-TAI HUH—THE TECH



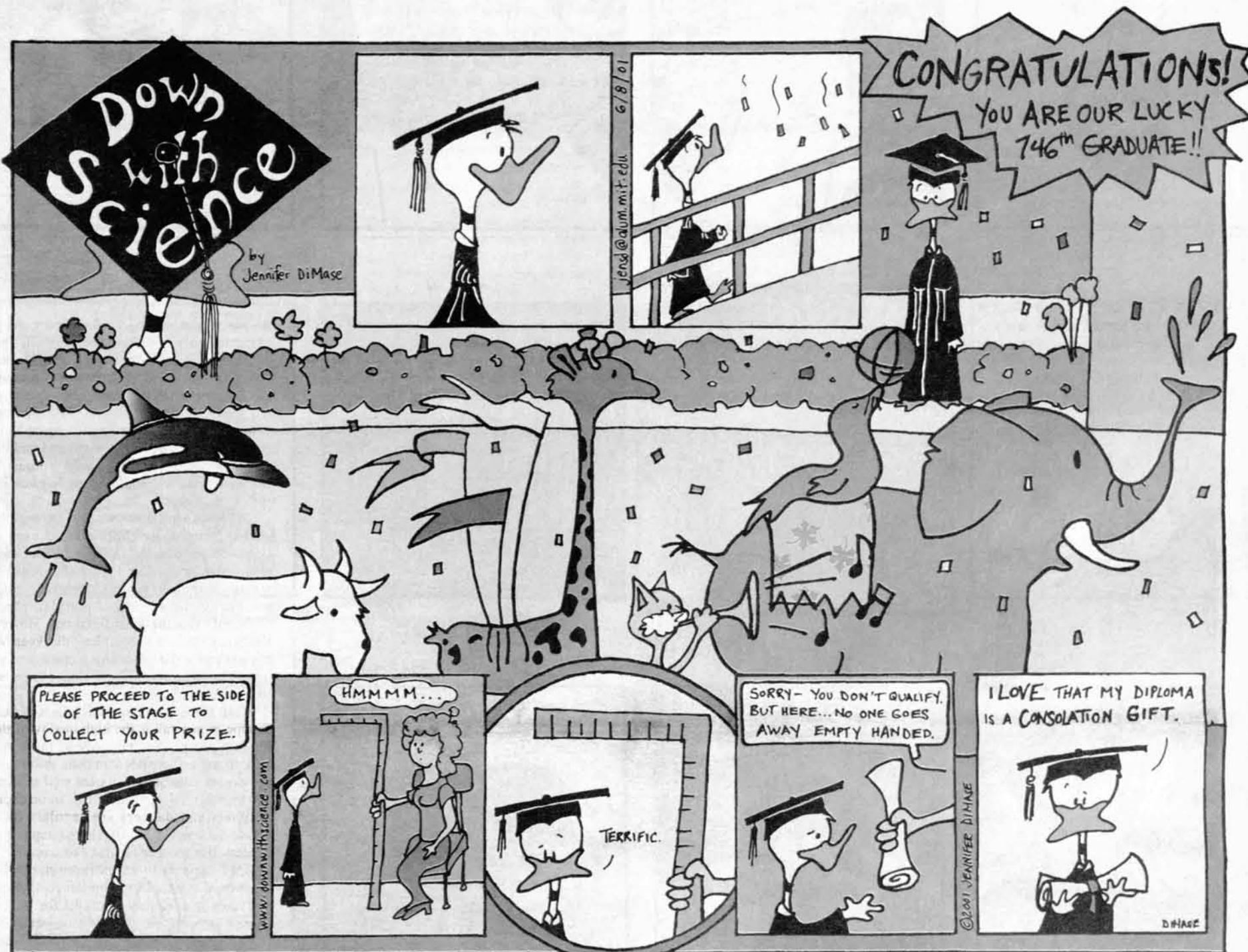
Black TG: Unfinished Women Cry in a No Man's Land While a Bird Dies in A Gilded Cage

Photography by Greg Kuhnen

On May 17 and 18, Kresge Little Theater was home to the Black Theater Guild's latest production, a play by Aishah Rahman and directed by Thomas DeFrantz, MIT Assistant Professor of Music and Theater Arts.

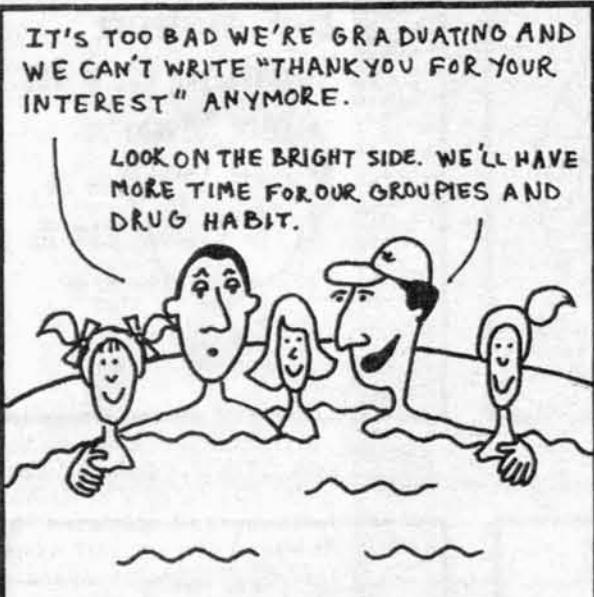
(left) A nurse in a clinic for single mothers laments her secret past.

(far left) The nurse consoles a mother who is forced to give up her baby.



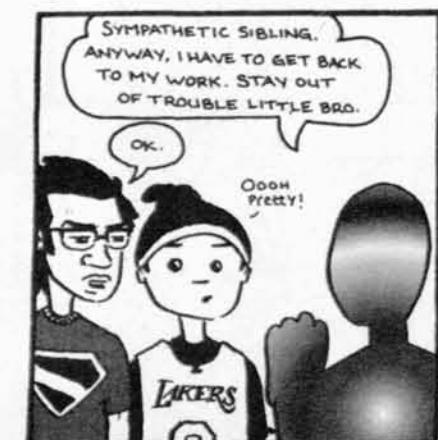
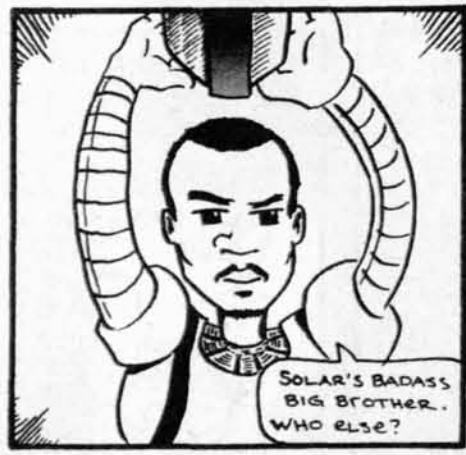
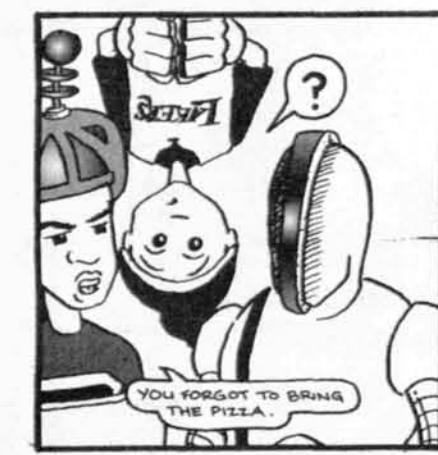
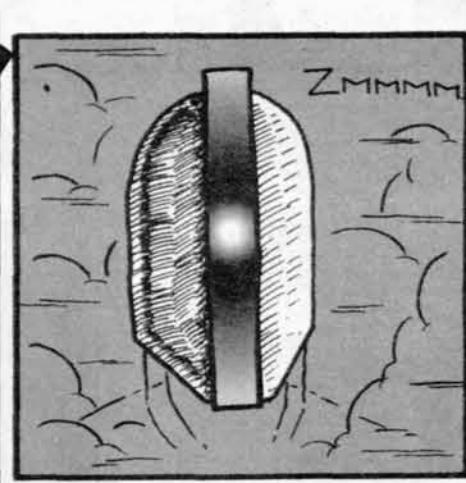
Raj & Dave

by Dave & Raj



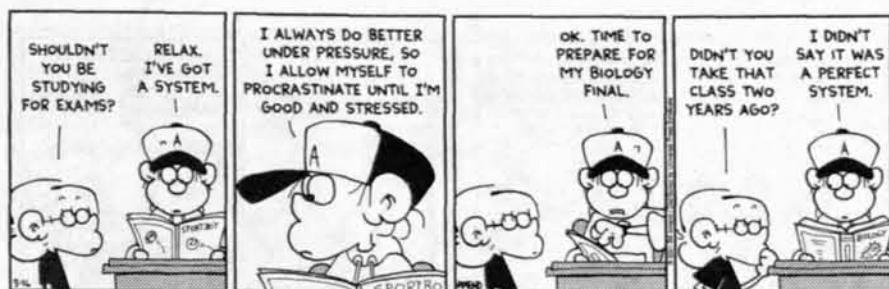
An unlocked gun could be the death of your family.
Please lock up your gun.

Mat & Solar



FoxTrot

by Bill Amend



I ALWAYS DO BETTER UNDER PRESSURE, SO I ALLOW MYSELF TO PROCRASTINATE UNTIL I'M GOOD AND STRESSED.

OK. TIME TO PREPARE FOR MY BIOLOGY FINAL.

DIDN'T YOU TAKE THAT CLASS TWO YEARS AGO?

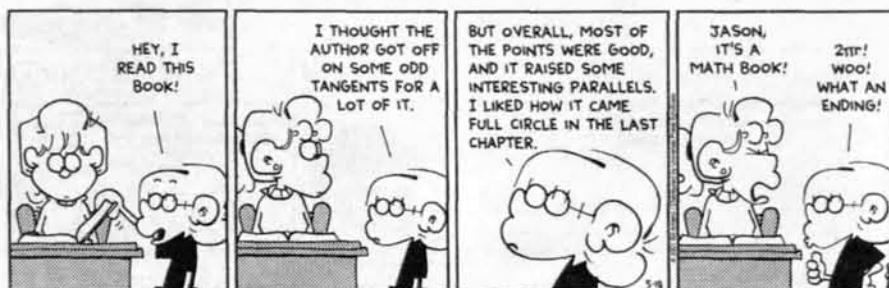
I DIDN'T SAY IT WAS A PERFECT SYSTEM.



JASON LOCKS HIMSELF IN HIS BEDROOM WITH AN ARMLEAD OF TEXTBOOKS.

...THAT AREN'T HIS. MMM.

AAAA! WHERE'S MY BIOLOGY BOOK? AAAA! WHO TOOK MY CLIFFS-NOTES?



BUT OVERALL, MOST OF THE POINTS WERE GOOD, AND IT RAISED SOME INTERESTING PARALLELS. I LIKED HOW IT CAME FULL CIRCLE IN THE LAST CHAPTER.

JASON, IT'S A MATH BOOK!

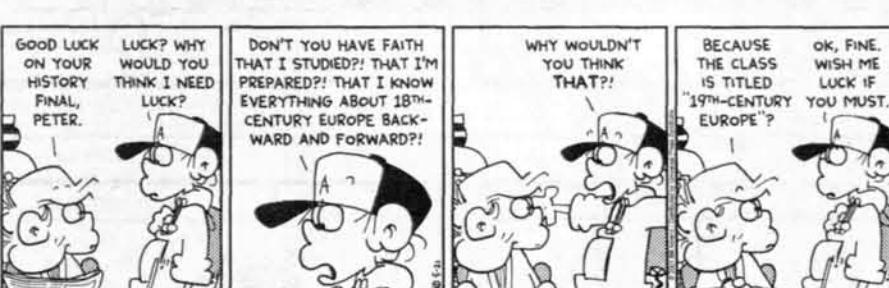
21P! WOO! WHAT AN ENDING!



THAT'S GOOD TO HEAR.

YOU'VE READ ONE PAGE INSTEAD OF ZERO. BIG WHOOP.

DON'T BLAME ME. I DIDN'T INVENT MATHEMATICS.

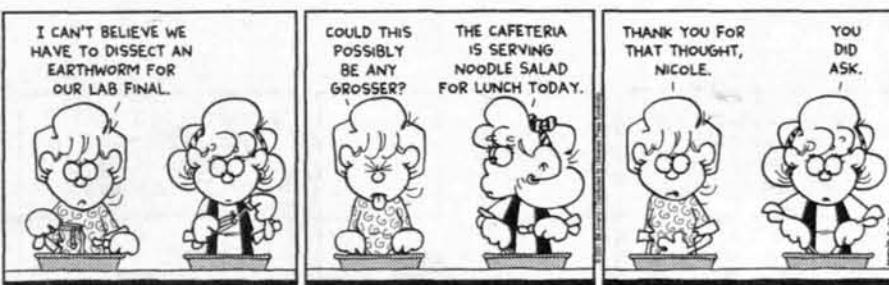


DON'T YOU HAVE FAITH THAT I STUDIED? THAT I KNOW EVERYTHING ABOUT 18TH-CENTURY EUROPE BACKWARD AND FORWARD?

WHY WOULDN'T YOU THINK THAT?!

BECAUSE THE CLASS IS TITLED "19TH-CENTURY EUROPE"?

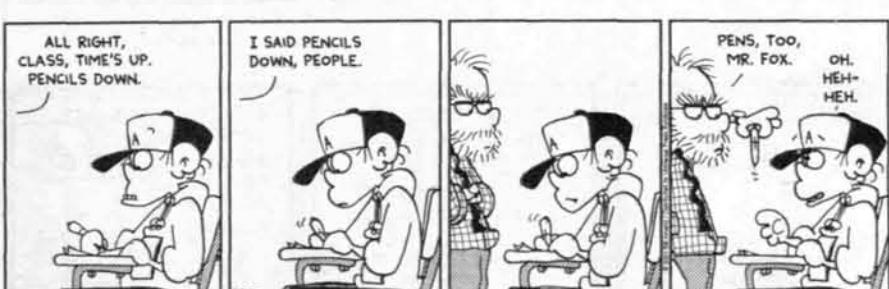
OK, FINE. WISH ME LUCK IF YOU MUST.



THE CAFETERIA IS SERVING NOODLE SALAD FOR LUNCH TODAY.

THANK YOU FOR THAT THOUGHT, NICOLE.

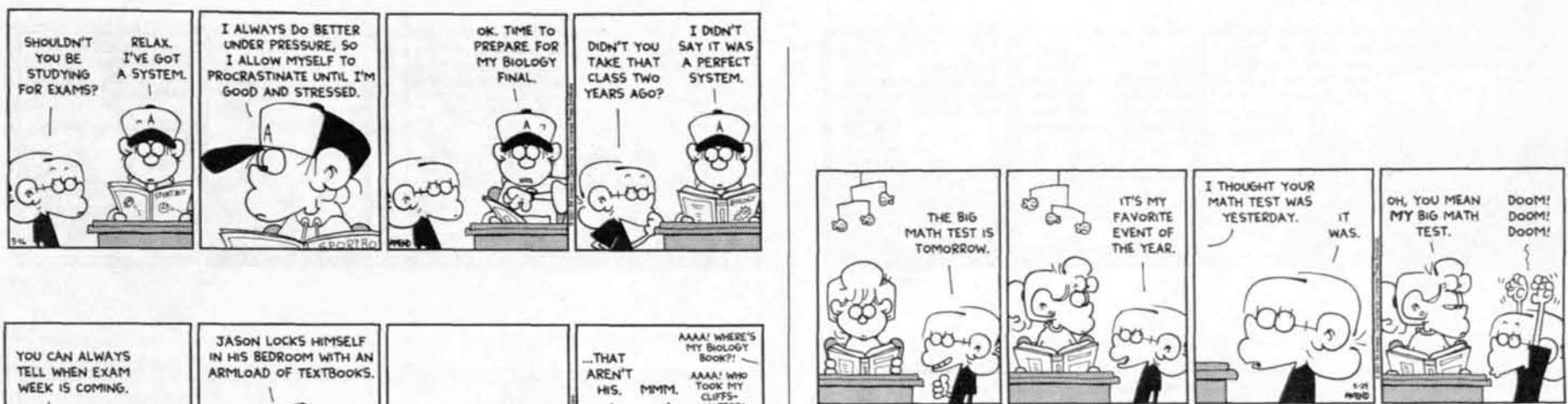
YOU DID ASK.



I SAID PENCILS DOWN, PEOPLE.

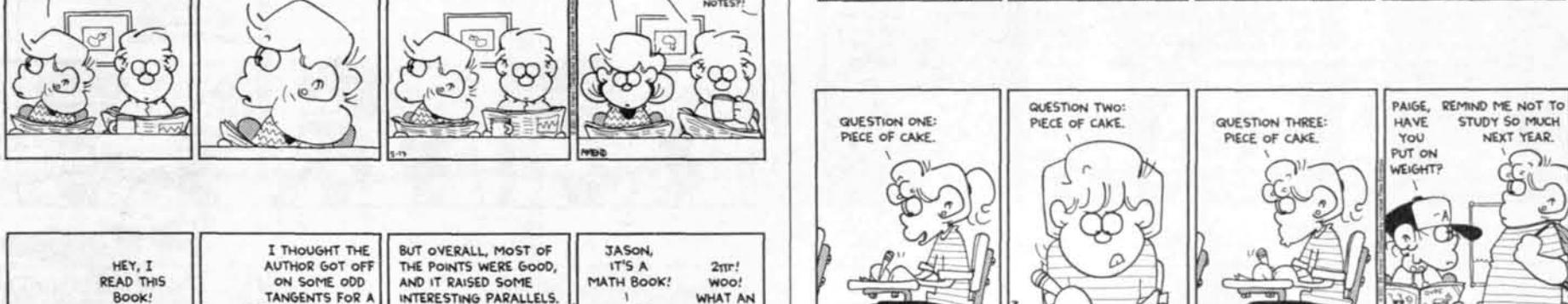
PENS, TOO, MR. FOX.

OH. HEH-HEH.



I THOUGHT YOUR MATH TEST WAS YESTERDAY.

IT WAS. OH, YOU MEAN MY BIG MATH TEST. DOOM! DOOM! DOOM!

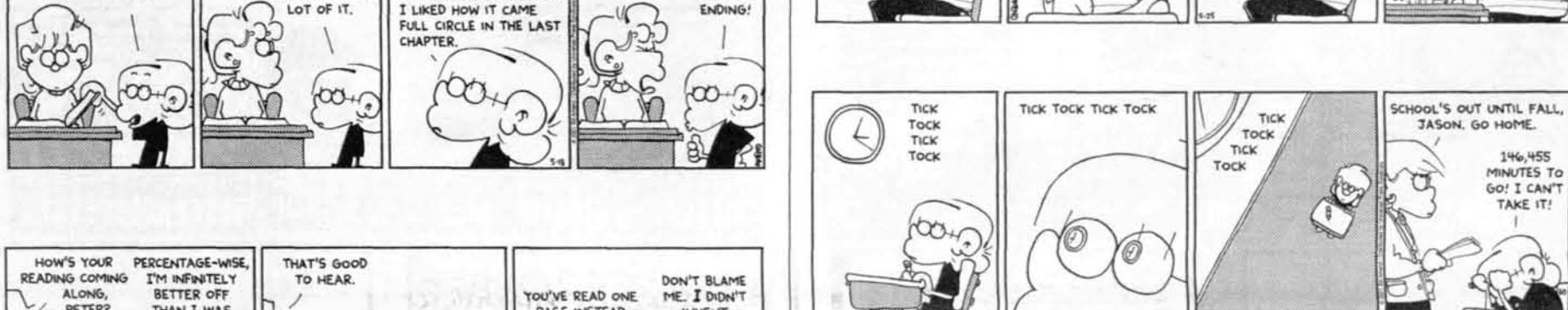


QUESTION ONE: PIECE OF CAKE.

QUESTION TWO: PIECE OF CAKE.

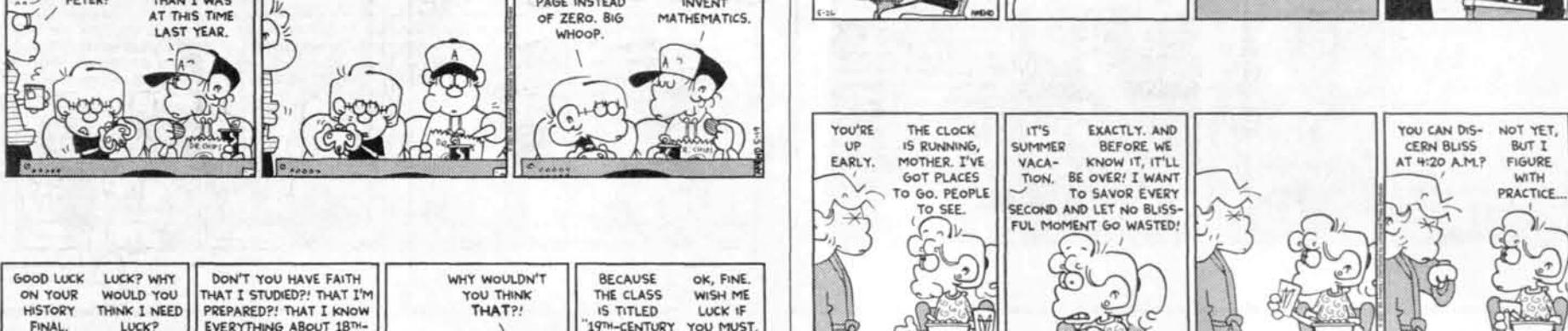
QUESTION THREE: PIECE OF CAKE.

PAIGE, REMIND ME NOT TO HAVE STUDY SO MUCH NEXT YEAR. PUT ON WEIGHT?



SCHOOL'S OUT UNTIL FALL, JASON. GO HOME.

146,455 MINUTES TO GO! I CAN'T TAKE IT!



IT'S SUMMER VACATION. BE OVER! I WANT TO SAVOR EVERY SECOND AND LET NO BLISSFUL MOMENT GO WASTED!

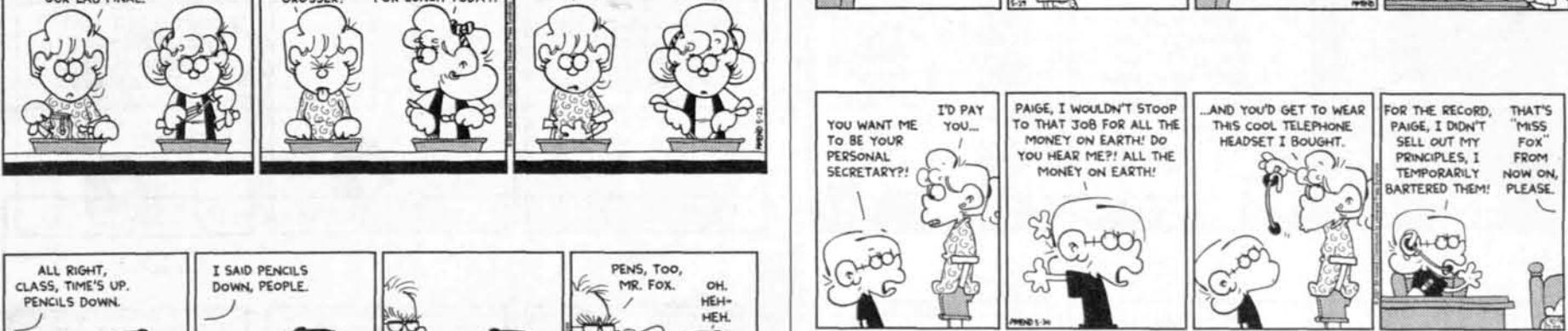
YOU CAN DISCERN BLISS AT 4:20 A.M.? NOT YET, BUT I FIGURE WITH PRACTICE...



SHOOT. I FORGOT TO CHECK MY CALENDAR!

I TOLD NICOLE I'D MEET HER FOR ICE CREAM, BUT I'M ALREADY DOING AFTERNOON ICE CREAM WITH ELIZA. CURSE THESE BUSY SUMMER DAYS!

AND WHAT I NEED IS A MOUTH THAT STAYS SHUT. NOW REMEMBER, IF A BOY CALLS, YOU WRITE THE MESSAGE IN TRIPPLICATE AND PAGE ME.



YOU WANT ME TO BE YOUR PERSONAL SECRETARY?

I'D PAY YOU TO THAT JOB FOR ALL THE MONEY ON EARTH! DO YOU HEAR ME? ALL THE MONEY ON EARTH!

...AND YOU'D GET TO WEAR THIS COOL TELEPHONE HEADSET I BOUGHT. FOR THE RECORD, THAT'S "MISS FOX" FROM NOW ON, PLEASE.



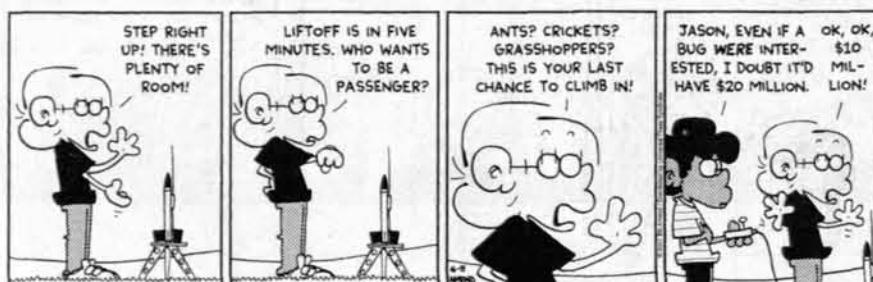
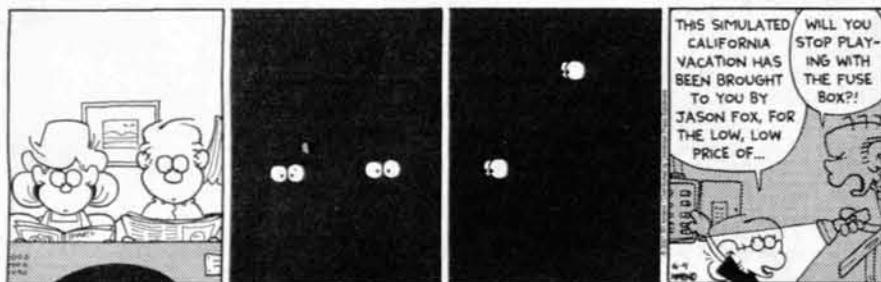
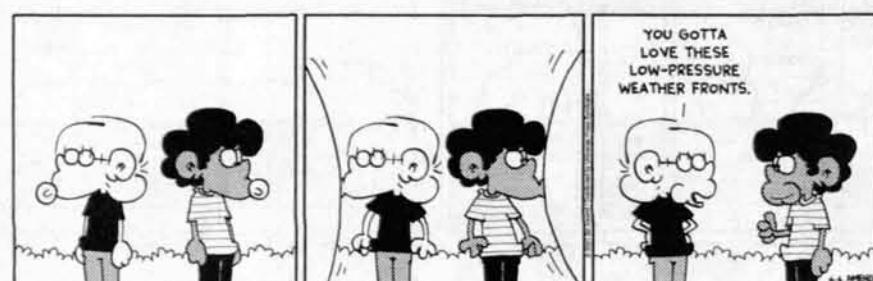
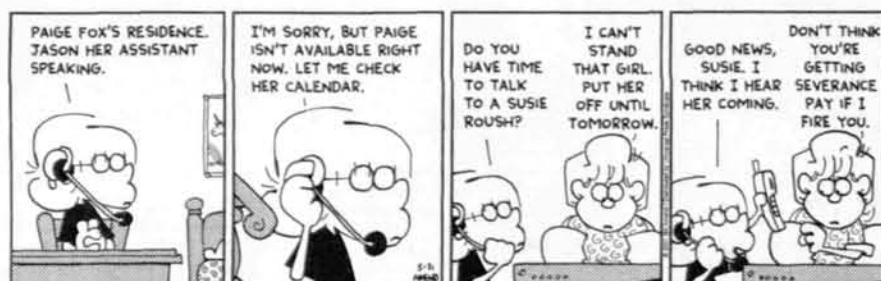
I SAID PENCILS DOWN, PEOPLE.

PENS, TOO, MR. FOX.

OH. HEH-HEH.

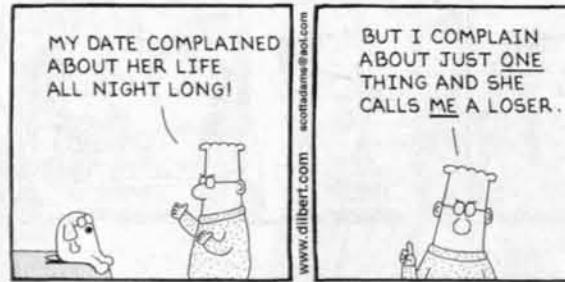
FoxTrot

by Bill Amend



Dilbert®

by Scott Adams



Dilbert®

by Scott Adams



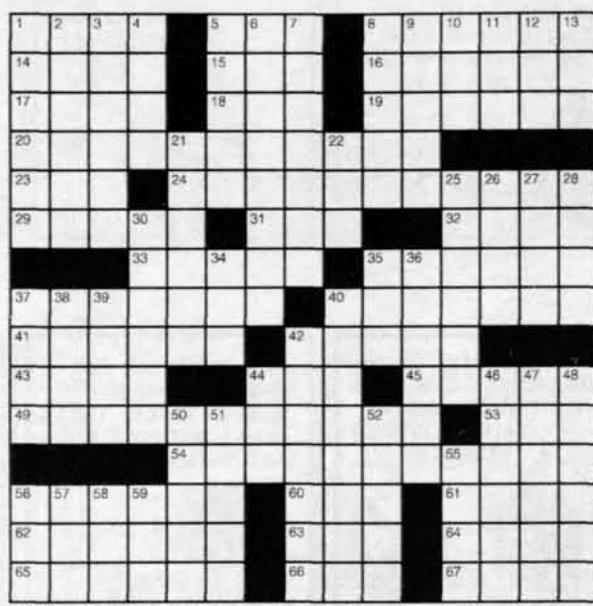
Dilbert® by Scott Adams



Crossword Puzzle Solution, page 8

ACROSS

1 Tiny army?
5 "Just the Way You ___"
8 Camera settings
14 Naked
15 Cross or Crenshaw
16 Paradise
17 Joyride
18 Ship back?
19 Earned, as profit
20 State of being held in abeyance
23 Omitting none
24 Marine snails
29 Money-grubber
31 Gibson of "Hamlet"
32 Stellar blast
33 Sacred ceremonies
35 Oral
37 More frank
40 Birthing a colt
41 Most mature
42 Oracle
43 Old Testament book
44 Hair-styling product
45 Felix's sloppy roommate
49 Affectionately emotional
53 High card
54 Gymnastic feats
56 Consternate
60 Dodge fuel
61 Storyline
62 Vexed
63 Lunched
64 Vocal inflection
65 Doctrines
66 Allow
67 Was in the red



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DOWN

1 1980 FBI investigation
2 City in southern Italia
3 Warbles
4 Dispatch
5 Wane
6 Progressive
7 Ways in
8 Mold, mildew and smut
9 "Skittle Players" painter
10 Little tyke
11 Make a choice
12 Celestial dessert?
13 Depressed
21 Small spars
22 Hole-making tool
25 Small hills
26 Mischiefous Norse god
27 Uniform
28 Caroled
30 Tubb or Hemingway
34 Hanoi holiday
35 Shed tears
36 Bribe money
37 Lingerie pieces
38 Calcium oxide
39 Resting atop
40 Percolate
42 West African nation
44 Valuable stone
46 Immature
47 Hart's autobiography
48 Took five
50 Small landmass
51 Patterns
52 Something of value
55 Until
56 Fine work
57 "The Raven" poet
58 Brooch
59 Beer choice

TechCalendar

Visit and add events to TechCalendar online at <http://tech-calendar.mit.edu>

Friday, June 8

9:00 a.m. - 5:00 p.m. - **Summer Physical Education Registration.** Fee varies depending on course. Room: W32-125. Sponsor: Physical Education.
10:00 a.m. - **MIT Commencement.** free. Killian Court.
6:00 p.m. - 10:30 p.m. - **MIT Shakespeare Ensemble Reunion.** Dinner and scenes with fellow Shakespeare Ensemble members. \$70. University Park Hotel at MIT, The Taylor Room. Sponsor: Association of MIT Alumni & Alumnae.
Tech Reunions. Over 2,500 alumni and guests are expected to gather to celebrate Tech Reunions, including the 5th to the 70th reunion classes and other alumni returning to visit their old stomping grounds. Fee varies. Sponsor: Association of MIT Alumni & Alumnae.

Saturday, June 9

9:00 a.m. - 5:00 p.m. - **Summer Physical Education Registration.** Fee varies depending on course. Room: W32-125. Sponsor: Physical Education.
Tech Reunions. Over 2,500 alumni and guests are expected to gather to celebrate Tech Reunions, including the 5th to the 70th reunion classes and other alumni returning to visit their old stomping grounds. Fee varies. Sponsor: Association of MIT Alumni & Alumnae.

Sunday, June 10

9:00 a.m. - 5:00 p.m. - **Summer Physical Education Registration.** Fee varies depending on course. Room: W32-125. Sponsor: Physical Education.
Tech Reunions. Over 2,500 alumni and guests are expected to gather to celebrate Tech Reunions, including the 5th to the 70th reunion classes and other alumni returning to visit their old stomping grounds. Fee varies. Sponsor: Association of MIT Alumni & Alumnae.
Monday, June 11
9:00 a.m. - 5:00 p.m. - **Summer Physical Education Registration.** Fee varies depending on course. Room: W32-125. Sponsor: Physical Education.
12:00 p.m. - 1:00 p.m. - **TSM (ADSM) Backup Software Quick Start.** Learn how to download, install and configure TSM, formerly ADSM, for backing up your files to a secure server over the network. Discuss your TSM questions with technical staff. free. Room: N42 Demo Center. Sponsor: Information Systems. 6:00 p.m. - 8:00 p.m. - **Rollerhockey.** Pickup rollerhockey. See the URL for directions and more information. free. Kennedy Elementary School, Cambridge. Sponsor: Pickup Rollerhockey Group.

Tuesday, June 12

9:00 a.m. - **First MIT Conference on Computational Fluid and Solid Mechanics.** To bring together Industry and Academia to nurture the next generation in computational mechanics. Sponsor: Mechanical Engineering Dept.
9:00 a.m. - 5:00 p.m. - **Summer Physical Education Registration.** Fee varies depending on course. Room: W32-125. Sponsor: Physical Education.
11:00 a.m. - 3:00 p.m. - **Learn Chado - The Way of Tea.** Experience over 400 years of history and culture at a Japanese tea ceremony. Mrs. Kyoko Wada will share the "happiness of the tea ceremony" with you. Drop in anytime between 11 a.m. - 3 p.m. \$3 for students, \$5 for others. McCormick Hall. Sponsor: spouses&partners@mit, MIT Women's League.
12:00 p.m. - 1:00 p.m. - **Dreamweaver 3.0 Quick Start.** Dreamweaver 3.0 is a powerful tool for creating and managing complex web sites. This Quick Start introduces users to the Dreamweaver interface and gives a brief overview of web publishing practices at MIT. free. Room: N42 Demo Center. Sponsor: Information Systems.

Wednesday, June 13

9:00 a.m. - **First MIT Conference on Computational Fluid and Solid Mechanics.** To bring together Industry

TechCalendar appears in each issue of *The Tech* and features events for members of the MIT community. *The Tech* makes no guarantees as to the accuracy of this information, and *The Tech* shall not be held liable for any losses, including, but not limited to, damages resulting from attendance of an event. Contact information for all events is available from the TechCalendar web page.

Visit and add events to TechCalendar online at <http://tech-calendar.mit.edu>

and Academia to nurture the next generation in computational mechanics. Sponsor: Mechanical Engineering Dept.

12:00 p.m. - 1:00 p.m. - **Web and Software Accessibility Quick Start.** Learn about MIT's accessibility policies for software and web pages. We will discuss applying the principles of universal design to both web pages and software to make them more accessible to users with disabilities. This session will show examples of accessible and inaccessible design and cover HTML coding and tools that can help make your site or application ADA-compliant. free. Room: N42 Demo Center. Sponsor: Information Systems.

12:10 p.m. - 1:00 p.m. - **"Mixing and Circulation in the Deep Brazil Basin."** free. Room: 54-915. Sponsor: Physical Oceanography.

6:00 p.m. - 8:00 p.m. - **Rollerhockey.** Pickup rollerhockey. See the URL for directions and more information. free. Kennedy Elementary School, Cambridge. Sponsor: Pickup Rollerhockey Group.

7:00 p.m. - 9:00 p.m. - **Image and Meaning Registration and Reception.** Sponsor: EECS.

7:30 p.m. - 9:30 p.m. - **Renaissance Dancing.** There are many forms of Renaissance Dancing that we practice — from Italian balli to courtly pavans to English country. We dance them all with flair and fun. Dress is common street clothing. No experience necessary; instruction is provided. free. Room: 31-161. Sponsor: Society for Creative Anachronism.

Thursday, June 14

8:30 a.m. - **Image and Meaning Conference.** Room: Kresge Auditorium. Sponsor: EECS.

9:00 a.m. - **First MIT Conference on Computational Fluid and Solid Mechanics.** To bring together Industry and Academia to nurture the next generation in computational mechanics. Sponsor: Mechanical Engineering Dept.

12:00 p.m. - 1:00 p.m. - **Excel Quick Start.** This course presents an overview of Excel's basic functions, as well as some of its more powerful features and capabilities. free. Room: N42 Demo Center. Sponsor: Information Systems.

6:00 p.m. - 8:00 p.m. - **Rollerhockey.** Pickup rollerhockey. See the URL for directions and more information. free. Room: Kennedy Elementary School, Cambridge. Sponsor: Pickup Rollerhockey Group.

8:30 p.m. - **Science as Spectacle.** David Goodstein, Vice Provost and Professor of Physics and Applied Physics at Caltech, will host "Science as Spectacle". It will include presentations of film footage from television science programs that attempt to demonstrate complex scientific phenomena, and presentations showing how science was used to produce special effects in several films. "Science as Spectacle" is part of the MIT conference, "Image and Meaning: Envisioning and Communicating Science and Technology." free. Room: Kresge Auditorium. Sponsor: EECS.

Friday, June 15

9:00 a.m. - **First MIT Conference on Computational Fluid and Solid Mechanics.** To bring together Industry and Academia to nurture the next generation in computational mechanics. Sponsor: Mechanical Engineering Dept.

9:00 a.m. - **Image and Meaning Conference.** Room: Kresge Auditorium. Sponsor: EECS.

12:00 p.m. - 1:00 p.m. - **Windows 2000 Quick Start.** This session demonstrates the new features and functionalities of Windows 2000 for the desktop user. Tour Start Menu enhancements; compare differences between the new My Network Places and previous Network Neighborhood; meet the Active Desktop, Power Management, and Windows Update. See how many Control Panel functions have been consolidated, where NT profiles and Administrative Tools now reside, and how to set up a printer. We will explain why Active Directories are not currently allowed at MIT and make some recommendations for operating in this new environment. (System administration not covered.) free. Room: N42 Demo Center. Sponsor: Information Systems.

8:00 p.m. - **Images in science that have changed the way we see ourselves.** Four visionaries in science and the communication arts — mathematician Sir Roger Penrose, writer Susan Sontag, naturalist E.O. Wilson, and writer Alan Lightman — will gather in an evening of discussion focusing on the power of scientific images, and how these images have changed the way humanity sees itself. This special event is one component of the upcoming MIT conference, "Image and Meaning: Envisioning and Communicating Science and Technology." The conference and accompanying exhibition, held June 13-16, 2001, address the way images may be used to communicate scientific information among scientists and to the general public. free. Sponsor: EECS.

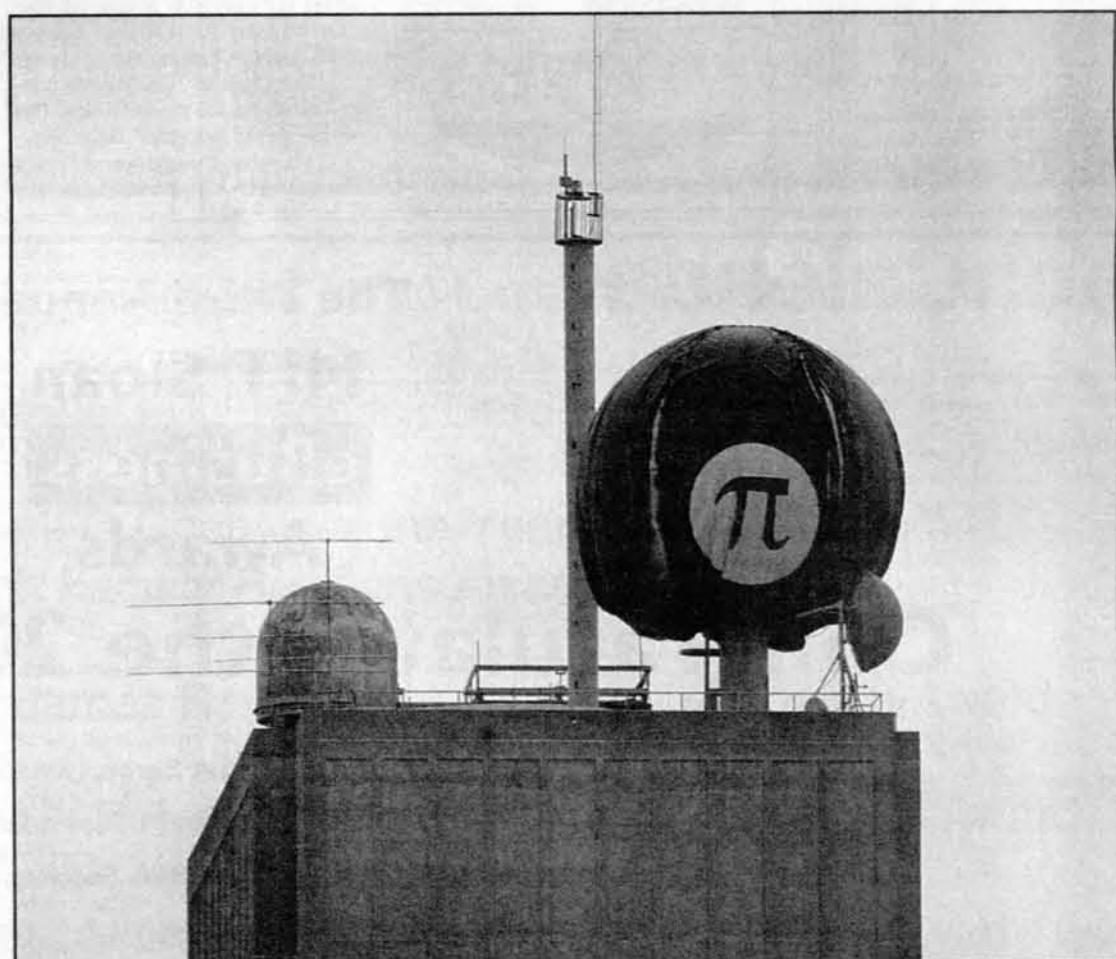


ROSHAN BALIGA—THE TECH

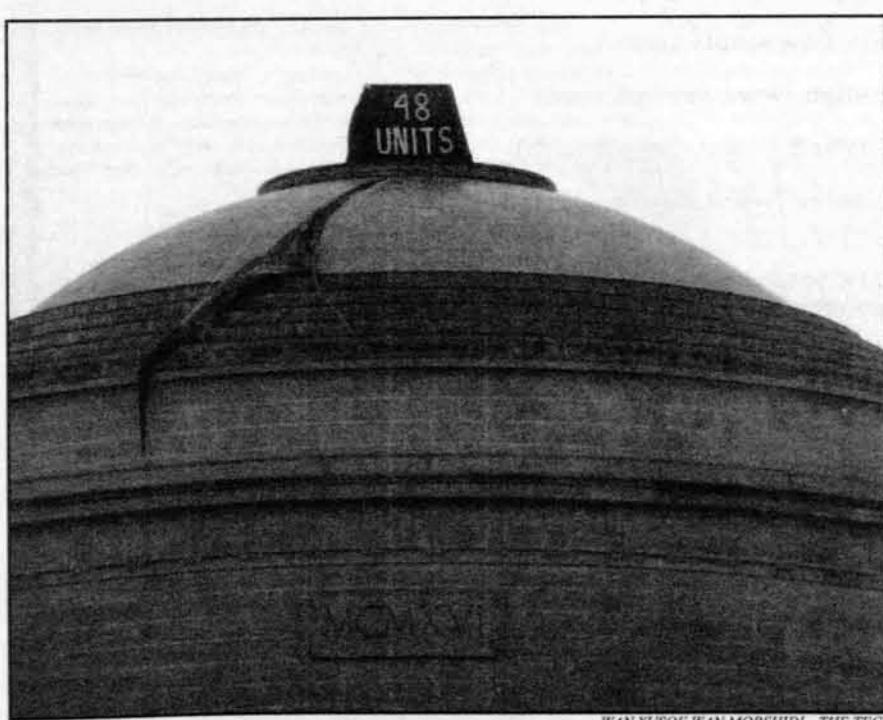
Above: MIT students honored the late Douglas Adams, author of such books as *Hitchhiker's Guide to the Galaxy*, *Dirk Gently's Holistic Detective Agency*, and *Last Chance to See*, with this banner, complete with the always-handy towel, on May 17.

Right: May 21 saw a giant Magic Pi Ball atop the Green Building — according to the ball, "Outlook hazy, try again." The transcendental and mystical billiards ball quickly fell apart and was removed for safety reasons.

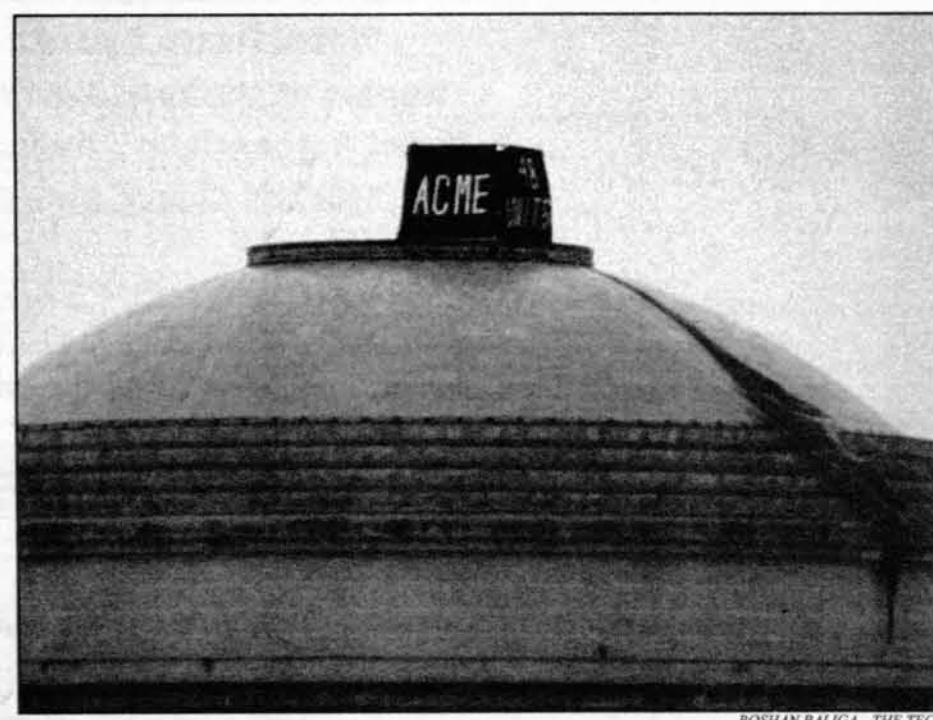
Below: A "48 units" weight, as in the normal course load of the average MIT student, was placed atop MIT May 22. Apparently the Great Dome cracked under the weight; it is not yet known whether MIT students have cracked under their loads.



JORDAN RUBIN—THE TECH



WAN YUSOF WAN MORSHIDI—THE TECH



ROSHAN BALIGA—THE TECH

Court Denies Motion To Nix Krueger Case

By Mike Hall
OPINION EDITOR

The Suffolk Superior Court denied a motion by the national organization of Phi Gamma Delta to dismiss a wrongful death suit filed



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by the family of Scott S. Krueger '01. Krueger died in 1997 after overindulging in alcohol during a pledge event at MIT's Fiji chapter.

Justice Linda E. Giles wrote in her May 18 decision that Fiji National failed to prove that it was free from liability for Krueger's condition while he served as a pledge at its MIT chapter. Fiji National had claimed that it only had "social host" responsibility under Massachusetts law, which would have released it from liability for Krueger's voluntary decision to consume alcohol. The Kruegers successfully countered Fiji National's claim by convincing Giles that Fiji National's need to recruit pledges and Krueger's need for housing could have combined to create a coercive environment for Krueger, which would have obligated Fiji National to look out for his well-being.

While the Kruegers did not specifically allege coercion, Giles wrote, "inferences from the alleged facts could support such a conclusion."

Giles also denied motions to dismiss by other defendants, including the house corporation, the now-disbanded MIT chapter, former house president Jonathan P. Loflin '98, former pledge trainer Charles H. Yoo '98, and Kevin E. McDonald '00, Krueger's "big brother."

Last September, the Kruegers agreed to a \$6 million settlement with MIT for the Institute's role in their son's death.

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Senior Class, SWE, GSC Agree On Fall Career Fair Contract

By Nancy Keuss
and Jennifer Krishnan
ASSOCIATE NEWS EDITORS

Three student groups will once again jointly organize the Fall Career Fair, slated for September 17-21.

The 2001 fair will mark the third year that the Society of Women Engineers, the Graduate Student Council, and the senior class — now the class of 2002 — have collaborated on the event.

The contributing student organizations recently agreed on a revised contract for the event, under which each group selects two members to make up an organizer group, according to SWE Co-President Jennifer L. Clarke '03. These members will coordinate all of the details for the Career Fair and solicit the help of their respective organizations to provide volunteers for the event.

Clarke said the agreement between the three groups allows for a greater resource pool and more organizational time than could any of the three organizations could provide alone.

"The collaboration is the best way to have a large, well-organized, and successful Career Fair for the students," Clarke said.

Dalai optimistic about changes

Class of 2002 President Sudeb C. Dalai '02 described this year's contract as "largely an extension of last year's contract," with a few added safeguards to assure the success and productivity of Career Week and the Career Fair.

"The Class of 2002 pushed pretty hard to ensure some fairness that we didn't see last year," Dalai said.

This year's contract provides that each of the collaborating groups

will hold one corporate sponsored event. Last year the SWE has a banquet, but neither the GSC nor the class of 2001 had its own event.

While plans are not yet set in stone, Dalai said the senior class event would most likely be a casino night.

Both floors of Johnson Athletic Center have been reserved for the Career Fair. During last year's fair, some companies were placed in Johnson, while others were placed in Rockwell Cage. Because there was "not a big flow over to Rockwell ... a lot of companies felt they were shafted," Dalai said. "Companies are paying a lot of money to attend the Career Fair ... It's our responsibility to be attentive to their needs."

Unlike last year's Career Fair, which was divided into a day for graduate students and a day for undergraduates, this year's fair will have no such separations. Dalai hopes this will increase the diversity of companies in attendance on both days.

Additionally, the Class of 2002 has formed its own Career Fair subcommittee, a group of seniors "who will be involved in all the planning stages for Career Week and Fair," Dalai said. Usually the organizations involved send volunteers whenever needed, but there are no clearly defined roles, which leads to accountability problems, according to Dalai.

He also said that he thinks having a committee composed of students in various majors such as biology and political science will help add to the diversity of types of companies who attend the fair.

Joint fair in its third year

Prior to the 1999 fair, the three

organizations had each organized their own fairs each year. Because of the repetition, many companies became reluctant to participate in any of the three. In response, the Office of Career Services and Pre-professional Advising initiated the joint career fair.

The 1999 fair saw significant dissent between its organizing groups. Problems arose in the fair's internal organization, as the three student groups disputed over the allocation of work and the splitting of revenue.

"That year, the groups involved had a hard time working together," Dalai said, adding that after that fair, there was talk of abandoning the idea of a joint fair completely.

"This year, we have a more healthy collaboration and a more cooperative atmosphere for the actual Career Fair Committee," Dalai said.

The 1999 Career Fair drew more than 270 companies and some 3,000 MIT students seeking permanent and summer employment. The 2000 fair featured 375 companies from such sectors as biotechnology, investment banking and consulting, start-ups, high-tech, and aeronautics. Nonprofit organizations also traditionally participate in the fairs.

Dalai said that the planning for the upcoming Career Fair is ahead of last year's schedule and running smoothly.

"Our goal is to have this be the most successful Career Fair yet," she said.

The Class of 2002 will receive 42 percent of the proceeds from the Career Fair, which is their main source of income. The GSC and SWE will receive 36 and 22 percent respectively.

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ePerson of the Year: Shawn Fanning

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Global Reach Awards: Nokia, (www.nokia.com)

Rookie of the Year Award: Vindigo (www.vindigo.com)

Social Responsibility Award: CitySoft (www.citysoft.com)

MIT Student Choice Award: Napster (www.napster.com)

In addition to congratulating all of the 2001 winners, the MIT Sloan eBusiness Awards would also like to thank the 900+ people that attended the eBA ceremony on April 23rd in Kresge Auditorium. Their support helped make the eBAs MIT's largest and most exciting 100% student-run event.

see you next year!!

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The Interfraternity Council would like to congratulate all of the members of the Class of 2001 on a job well done.

We would like to offer special recognition to the many members of the FSILG community who have been recognized for their outstanding contributions, both during this past year and the past four years. These members include:

Stefan K. Bewley, 01 – Recipient of the Howard W. Johnson Award

Damien A. Brosnan, 01 – Recipient of the Karl Taylor Compton Prize

Sonja J. Ellefson, 01 – Recipient of the Betsy Schumacker Award

Rebecca M. Gochow, 01 – Recipient of the William L. Stewart, Jr. and the Frederick Gardiner Fassett, Jr. Awards

Edward A. Keehr, 01 – Recipient of the Admiral Edward L. Cochrane Award

Erica Lee, 01 – Recipient of the Priscilla King Gray Award

Rory P. Pheiffer, 02 – Recipient of the Harold J. Pettegrove Award

Morgan Royce-Tolland, 01 – Recipient of the Laya W. Weisner Award

Russell Spieler, 01 – Recipient of the Frederick Gardiner Fassett, Jr. Award

Alpha Epsilon Phi Sorority – IFC Chapter of the Year and the Kenneth R. Wadleigh Faculty Relations Award

Phi Delta Theta Fraternity – James R. Killian Jr. Community Service Award

Phi Sigma Kappa Fraternity – D. Reid Weedon Jr. Alumni/ae Relations Award

Theta Chi Fraternity – Order of Omega New Member Education Award

ALL OTHER MEMBERS OF THE FSILG COMMUNITY THAT HAVE
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THEIR HARD WORK ON AND OFF CAMPUS!

CLASS OF 2001, YOU WILL BE MISSED, BUT YOUR ACCOMPLISHMENTS
ARE NOT SOON TO BE FORGOTTEN



NATHAN COLLINS—THE TECH

"We as friends can make a big difference" by supporting rape survivors, says Rebecca Butler, a Boston area survivor. Butler spoke before a crowd of about 50 MIT students May 17 as part of Stop Our Silence's Take Back the Night Rally. After she spoke, Butler joined students in a candlelight vigil and listened as anonymous survivors' stories were read aloud.

Clay Seeks to Improve Campus Race Relations

Clay, from Page 1

from the community than undergraduates. "Any student isolation is a problem," Clay said.

He added that as a graduate student in the Department of Urban Studies and Planning, he spent most of the time in isolation from the rest of the community. "I lived in my department with about a half-dozen friends," Clay said, adding that he was "not at all involved in campus activities."

As more and more students decide to pursue master's degrees,

MIT needs to enhance for graduate students the same things it focuses on for undergraduates, Clay said.

Work on race relations

Clay also said he wants to improve campus race relations among the faculty, staff, and students. An incident at Alpha Tau Omega this past spring with the hip-hop band The Roots and the publication of humor issue *The Toke* by members of *The Tech* have made race a community issue this term.

"Race is the most toxic subject in America," Clay said. "Our strate-

gy is to figure out how to give our support so everyone can act on their convictions." That way, people in groups who have objections to questionable behavior will have the strength to voice their opinions.

Clay also co-chairs the Council on Faculty Diversity, with Professor of Biology Nancy H. Hopkins and Provost Robert A. Brown. "We have not made as much progress as we should have in diversifying the faculty," he said.

Clay's background

Clay went to the University of

North Carolina at Chapel Hill for his undergraduate education during the 1960s. As a student activist, he was part of a group that successfully sued the governor. Clay said that in the summer of 1967, he was inspired by former Congressman and former president of the National Student Association Allard K. Lowenstein in his campaign to prevent President Lyndon Johnson from seeking re-election.

Now at MIT, Clay said he doesn't seek to "recreate the '60s, but if a student has a passion, I want to make it possible so that they don't have to go too far."

In 1969, Clay was drafted and served two years in Vietnam before becoming a graduate student at MIT. He has been a member of the faculty since 1975, and is widely known for his work on the process of urban gentrification and low-cost rental housing.

From 1980-1984 he served as Assistant Director of the MIT-Harvard Joint Center for Urban Studies, and from 1992-1994, he served as head of the Department of Urban Studies and Planning. He was appointed Associate Provost in 1994.

Clay open to student input

Clay said that he is open to hearing student opinions on issues. "There is no barrier to talking to me; you don't need to explain why you need to see me."

"I hope I would be invited to fraternity houses [for] dinner, and I hope students would speak their mind," Clay said.

Clay said his general approach as chancellor will be to let processes run for a while before making decisions. "I will probably ask more questions than give pronouncements," he said.

With regards to the Cambridge License Commission and other regulatory agencies, Clay said that students need to understand that MIT's neighbors will no longer tolerate the same behavior that they tolerated four years ago. "Students need to understand the politics of residential proximity," he said.

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Ticket Shortage Leads to Scalping

Commencement, from Page 1

for many years," said Commencement Committee Chairman W. Eric L. Grimson PhD '80. "Every year we get a large number of complaints from students and parents who get insulted that other students are holding [the tickets] hostage, essentially. Last year it was particularly out of hand. A fair number of students not attending got tickets, then went to sell them."

The sale of Commencement tickets violates MIT regulations and in many cases Massachusetts law, Grimson said. "The tickets have 'Property of MIT' printed on them, so students are not entitled to resell them," he added. "If they post on MIT networks, it's an abuse of MIT facilities."

Grimson went on to note that "our message is not trying to enforce policy. This [Commencement] is an opportunity for celebration."

Other students not interested in monetary gain share their tickets. One student requested an essay of 250 words from anyone wanting extra tickets, which would be given to the student with the best reasons.

"Trading tickets is better," said Darlene M. Staines '01. "It's good [that] the Commencement Committee is trying to discourage ticket selling."

Peter A. Shulman '01 agreed, saying that the sale of tickets "makes Commencement become a privilege that money can buy."

Graduates feel varied emotions

"I think the seniors will remember the rain," Tseng said. "Almost all our major events had rain: the freshman picture, Killian Kick-Off, which was held in Johnson instead, [and] the Ring Cruise."

Staines said graduating is "unreal, exciting, and kinda scary, but well-earned." Staines will pursue a PhD at Chicago after spending the summer working at a biotechnology company.

"It's bittersweet," Tseng said. "There are friends we're probably never gonna see again." After graduating, Tseng will go to work for a strategic consulting firm, but not until he spends the summer backpacking in Europe.

Shulman said he didn't feel the typical separation anxiety. "I'm just changing modes," he said. Shulman will be participating in an MIT doctoral program in History and Social Study of Science and Technology.

For those unable to procure tickets, Commencement exercises will be broadcasted on closed-circuit television in various rooms in Buildings 1, 2 and 4; 10-250, 16-160, 26-100, 34-101, 56-114, E25-111, E51-145 and E51-149; Kresge Auditorium; and Kresge Little Theater.

In the event of extreme weather, guests will be forced to watch Commencement at one of these locations. The ceremonies would be held instead on the first floor of Rockwell Cage for the stage assembly and degree recipients only.

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Biomedical Company First in Annual \$50K Contest

By Eric J. Cholankeril

MANAGING EDITOR

Angstrom Medica, a biomedical company which plans to manufacture synthetic bone to be used in surgeries, won the 12th annual MIT \$50K Entrepreneurship Competition.

The runners-up were PantaRei, which produces optimization software for the energy industry, and Iptyx, an organic materials company involved in the creation of specialty dyes for liquid crystal displays.

Angstrom Medica was selected from among seven finalist teams, and received a total of \$30,000 in prize money. The two runners-up each received a prize of \$10,000.

Teams entering the competition must have at least one member who is currently a student at MIT.

Synthetic bone for surgical use

Angstrom Medica is developing a nanocrystalline synthetic bone material that would replace the steel screws now used in fracture reconstruction surgery. The product will also be used in treating spinal injuries and in plastic surgery.

"Our synthetic bone, in certain cases, is as strong as steel," said team leader and inventor Edward S. Ahn. Ahn, a graduate student in chemical engineering, defended his PhD thesis on the same day his team won the competition.

Ahn said that he thinks a final version of the product would be approved by the Food and Drug Administration and be available on the market within three or four years.

Jermoluk de-emphasizes decisions

Tom Jermoluk, former chairman of Excite@Home, delivered the keynote address for the event, providing advice for rising entrepreneurs.

"Ninety percent of decisions don't actually matter," Jermoluk told the audience. He advised entre-

preneurs facing tough decisions to "make a decision and move on."

Jermoluk went on to stress perseverance, noting, "Lots of entrepreneurs failed a lot of times at a lot of different things before they got the one that hit."

Participation down one-third

Of the 135 entrants into this year's competition, 36 were chosen as semi-finalists, and the field was later narrowed down to seven final-

ists. Lead organizer Elad B. Gil G said of the finalists, "We have a strong representation of all the diversity at MIT."

There were fewer "dot-com" entrants this year, but "those companies never did well anyway," Gil said. Overall, the number of entries is down 34 percent from last year's 206 competitors.

Ahn says that the recent downturn in the economy has had mixed effects on biotechnology companies

such as his own. "It allows us more visibility," Ahn said, but "everyone's tighter with their money."

Venture capitalists eye entrants

Max Michaels, competition sponsor and CEO of the venture capital firm KnowledgeCube, attended the awards ceremony to learn about the finalists. "We are looking for a software company," said Michaels.

Brian W. Chu G, a member of

the SmartCure finalist team, found that the competition itself was helpful. "Having to answer all of the judges' questions" enabled his company to form a clear business plan and be better prepared to obtain funding, he said.

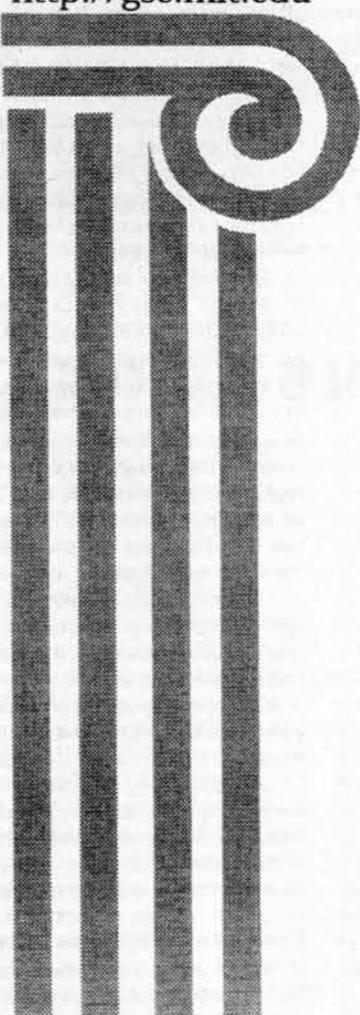
Ahn said that Angstrom Medica has been "getting a lot of interest" from venture capital firms since they won the \$50K competition. Their next step is to incorporate officially.



Edward S. Ahn G, Sudhir Borgonha G, and Darren D. Obrigkeit G (left to right) react as their company, Angstrom Medica, wins this year's MIT \$50K competition.

ERIC J. CHOLANKERIL—THE TECH

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Omar Kahn, School of Architecture and Planning

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Marin K. Clark
Changhuei Yang

Compton Prize
Soulaymane Kachani

Stewart Awards
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Shunmugavelu Sokka

IFC Declares Fraternity Dry until 2002

ATO, from Page 1

Scali. The hearing will be a disciplinary hearing to investigate the alleged racial remarks made, the ensuing altercation, and the supposed presence of alcohol on the roof.

Glover said it seemed the CLC hearing was "racially motivated."

The complaint listed on the City of Cambridge's web site makes no mention of alcohol, citing instead "a complaint by MIT Police that ... racial slurs were made by individuals on the rooftop of ATO which caused a fight."

Scali said that if a racial slur had a detrimental effect on someone's health and safety, CLC sanctions would be appropriate.

The CLC may also take into consideration MIT's overall attitude toward minorities, Scali said.

ATO dry until fall 2002

ATO admitted to violating three sections of the IFC risk management policy as charged at an IFC Executive Review on May 16. The fraternity had been charged with damaging the reputation of the IFC community,

holding an unregistered event, and allowing underage drinking to occur.

As punishment for holding an unregistered event, ATO will not be allowed to host any large events until spring 2002. A large event is one where more guests than brothers are present.

In response to the alcohol violation, the IFC has declared ATO a dry house until fall 2002. No alcohol will be allowed on the premises at any time until then. After their privileges are renewed, the fraternity will remain on probation for one year.

The renewal of ATO's alcohol privileges is contingent upon 100 percent of new members and three-fourths of all members attending an alcohol education seminar and a legal liability seminar. Normally, fraternities must send three-fourths of all new members to the alcohol education seminar, and two-thirds of all members must have attended it at some point. The legal liability seminar is usually only required for specified house officers.

The fraternity must also participate actively on the Campus Alcohol Advisory Board.

Racial concerns addressed

To deal with the racial issues head-on, the IFC has required ATO to organize a symposium on race relations within two weeks of the arrival of freshmen on campus.

IFC President Rory P. Pheiffer '02 said that "much more was done by ATO and MIT to handle this portion of the violation," citing sensitivity training for the house this coming fall, ATO internal sanctions on any brother that shouted from the roof deck on the afternoon of April 27, the suspension of two brothers by the local and national fraternity, and participation in events that stemmed from the Spring Weekend incident, such as the Speak Out rally and a community forum. All of these are measures taken independently by the fraternity and supported by the Institute when appropriate.

Pheiffer says sanctions are enough

"We [the IFC] believe that all of the actions taken collectively by ATO, the IFC, and MIT to discipline ATO and educate both the house and the entire MIT community as a result of this incident are suf-

ficient," Pheiffer said. "The IFC is the best governing body to deal with both disciplining and educating those involved" with this and most other incidents arising in the IFC community.

Dean for Student Life Larry G. Benedict upheld the IFC ruling, deciding not to impose any further punishment on ATO. Instead, he will monitor the fraternity's progress with respect to the IFC ruling.

Both Benedict and representatives of the IFC plan to attend the CLC hearing.

Glover said the IFC had "done a good job of coupling [strictly punitive] sanctions with educational opportunities."

Glover hopes the CLC "will realize that strictly punitive punishments and sanctions can only go so far ... If you're looking to [promote growth], you're going to have to use educational measures."

The national ATO fraternity is conducting its own investigation of the events that took place on the roofdeck on April 27, Glover said. The local chapter will follow whatever course of action the national fraternity recommends.

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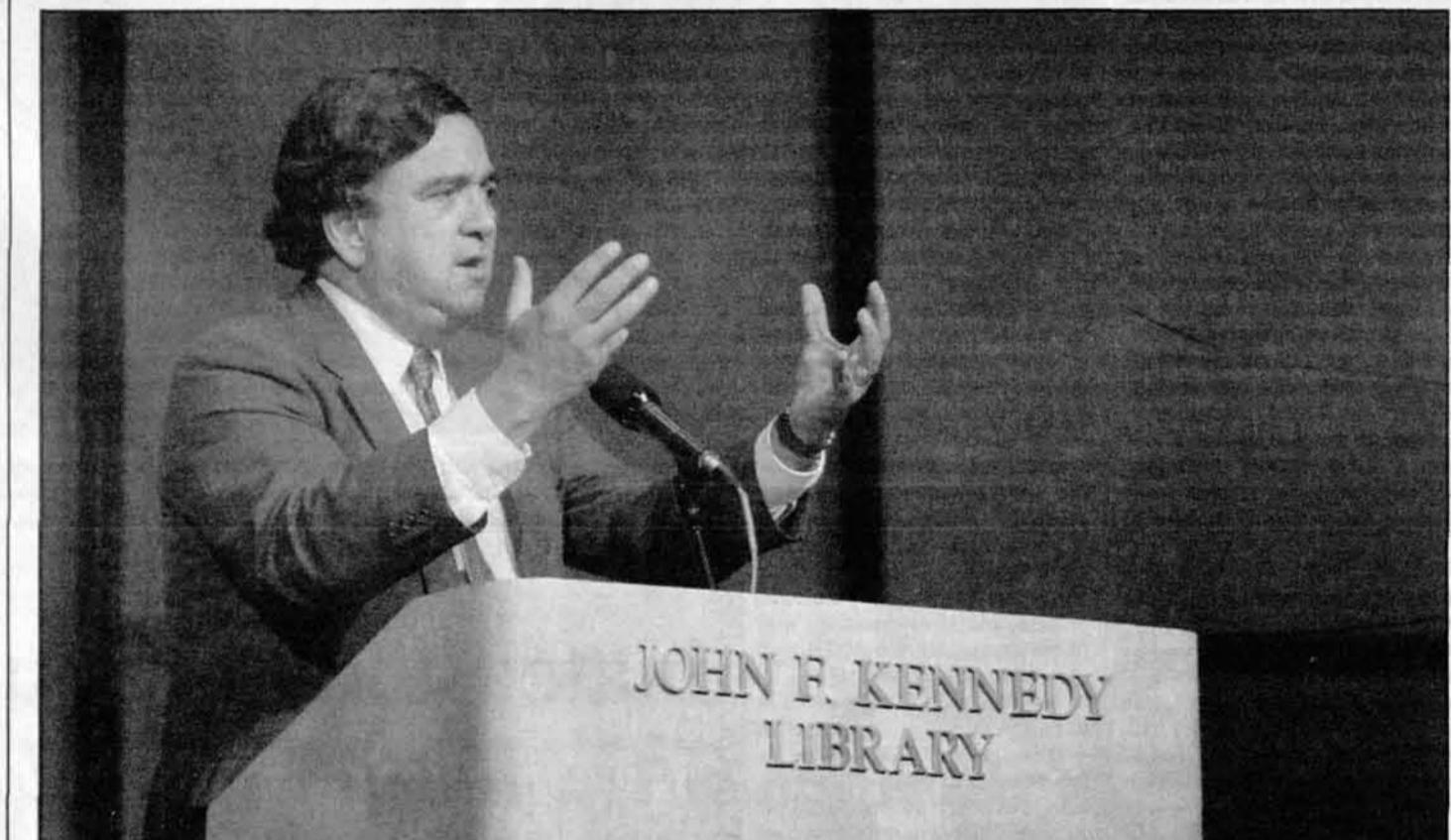
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Former U.S. Energy Secretary Bill Richardson spoke at the John F. Kennedy Library in honor of a new exhibit about Kennedy's Alliance for Progress and U.S.-Latin American relations. The exhibit opened May 26.

NATHAN COLLINS—THE TECH

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KAT Sisters Relocate

KAT, from Page 1

and the laundry room.

"The annex will still be and remain the Sigma Phi Epsilon annex," said Chin.

"Theta [sisters] will be using it as an apartment," Velsko explained.

Radin, KAT enthusiastic

When Radin announced to her chapter last month that sisters could move into the Sig Ep annex for the upcoming school year, she did not find filling the 11 rooms a difficult task because of the large number of sisters in her chapter. While "people already had their dorm assignments for next year, the annex would give sisters another living option," Radin said. Each sister had to sign an individual lease for the 12 months.

The 16 sisters who will occupy Sig Ep annex rooms range from the president to sisters not in office and from juniors to freshmen.

"People are excited to see what living with other sisters means for their involvement in the sorority," Radin said.

Radin said that she believes the experience of so many sisters living together will spark a greater enthusiasm among her sisters towards acquiring a chapter house.

Presently, KAT is a non-residential sorority, so "sisters are used to

seeing each other in on-campus rooms," Radin said. However, she hopes that "there will be a little bit of an attitude shift due to the tenants and that it will be nicer to get together in the house rather than in a public area.

"Hopefully that sentiment will spread throughout the chapter, and sisters will be more excited about getting a house," she added.

Radin is also excited about the potential change in inter-Greek relationships. Based on her observations of other sorority members who already live in Boston, "having Thetas in Boston will make us closer with Boston fraternity members because of the proximity," she said.

Quest for KAT house continues

Kappa Alpha Theta House Corporation Board President Alicia L. Allen '94 sees a promising future in the quest for a KAT house. "MIT really supports the idea of women's housing," Allen said. "McCormick is always over-subscribed."

A few years ago, when Sigma Alpha Epsilon was disbanded, KAT showed interest in acquiring the SAE house. However, it was too expensive for the sorority.

For now the members are looking forward to having "their own house," Allen said. KAT is meanwhile looking for other options that MIT will help subsidize.

Win over Wisconsin Highlight for Team

Ultimate, from Page 28

deep to an open player in the endzone and took the half.

MIT was unrelenting in the second half. Receiver cuts by Eich, Rasala, and rookie Jen J. Yu '02 aided the flow of the MIT disc up the field. For one point, Chrissy Dobson found her sister cutting deep and threw a forehand that ended up staying in the air longer than she intended. Kathy kept with the disc and skyed three Brown defenders for a goal. On defense, senior Chun-hua Zheng was instrumental in creating Brown turnovers as her speed and agility allowed her to beat her Brown counterpart to the disc. These efforts were not enough, however, as the MIT women fell to Brown 15-6.

In the second game of the day, MIT faced the Seaweed from UNC-Wilmington. To paraphrase some MIT women, the game was not the friendliest of the tournament. MIT lost this contest as well, falling victim to high winds and Seaweed's quick offense. Despite the atmosphere, MIT played clean and cool-headed and even improved their level of play. MIT fell 15-5.

In stark contrast to the second game, the last game of the day saw MIT against the Spirit Award winners from Swarthmore, the 10th-seeded Warmothers. Having suffered two losses in the same pool, both teams saw this match as the go-to game to advance to the championship bracket. And each played like the championship was on the line.

Thanks to scouting reports, MIT, the runners-up for the Spirit Award, was able to key in on the two Swarthmore players who essentially made the Swarthmore offense run. Rasala, Kathy Dobson, and Chrissy Dobson took turns containing receiver Jenny Hoedeman while Smith taught yet another lesson in defensive tactics as she denied Warmother star and the 2001 Callahan Award recipient Lindsay Goldsmith.

The MIT offense relied heavily once again on the big throws of Wilczek, Sun, Hsu, Hsiung, and Crockett. Early in the second half, MIT's Rubritz skyed for a Crockett pass over two Swarthmore defenders. She immediately threw a dump pass to Hsiung, MIT's Spirit winner, who found Hsu open on a swing pass. Hsu completed the play to an open Eich in the MIT endzone, evening the score at 8.

Swarthmore took the next point, but MIT came back as Sun connected to Rasala cutting deep. The teams traded points until 11s, when Swarthmore started pulling away. The intensity of the game never let up until MIT was handed its third loss of the day at the hands of Swarthmore, 15-12.

Team finishes in 14th place

MIT hoped to continue playing the way they finished against Swarthmore in the consolation bracket the next day. The first team they faced on Sunday was the University of Wisconsin. Fighting for the right to play for 13th place, MIT defeated Wisconsin, thanks in part to strong play by Crockett as a deep deep defender. Perhaps the most difficult time of the game for the apparently liberal-arts majors came when they had to pick up women to defend for their person-to-person defense. MIT players sporting numbers such as infinity, i^2 , h-bar, epsilon naught, and the root of -1 were identified as "double zero," "I-two," "h," "E-zero" and "negative one" by their Wisconsin counterparts.

Crockett was crucial in denying Wisconsin a long game. Wong aided her team's efforts with a strong defensive performance, laying out for a D-block and forcing her player to throw the disc away on numerous occasions. MIT took the game 15-8 and ensured finishing the tournament at a higher ranking.

The MIT women faced the Rogue

from University of Illinois to play for 13th place. These women knew their constants and imaginary numbers.

Both sides played a long game. Sun continued her forehand prowess while Rubritz, Zheng, Eich, Rasala, and both Dobsons made key cuts deep and in. Rogue caught on to MIT's play, though, and set a cup zone on the next point. Instead of playing the usual three handlers against a three-person cup, MIT dropped one player to the popper position. Rasala and Chrissy Dobson were able to cut to the open spaces as handlers Sun and Hsu forced the cup from side to side. Hsu made a pass through the cup to Dobson, who found Rasala cutting to the middle of the field for a quick pass. Rasala put up a beautiful forehead to wing Wilczek who completed to Kathy Dobson in the endzone. Despite fantastic plays like this one, MIT was unable to overcome Rogue and lost the match.

In defeating Swarthmore, the team wrote Institute history by being the first women's ultimate team to upset a higher seed in the national tournament. Along with the Runners-Up Spirit Award, MIT took home 14th place.

It is clear the team has come a long way this year. The four veteran players, Kathy Dobson, Hsu, Hsiung, and Smith, along with coaches Sarvis and Warren, were faced in the fall with the challenging task of recruiting new players and then teaching them to play ultimate, a sport not found at many high school campuses. The practice schedule, less intense than one of a varsity sport, and fun practices drew enough players for the spring season in time to achieve a squad size comparable to teams from other schools. The current team is a mix of former soccer, volleyball, and basketball players, and even musicians and players who had never played a competitive sport in their lives.

To be sure, the success of the team next season will rely heavily on how successful the team is in recruiting new players. Hsiung adds, "We welcome all players, beginners and experienced, to join us for a successful 2002 season."



-Ana, age 16

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SPORTS

Women's Ultimate Places 14th



Kathy L. Dobson '03 snags a hotly contested disc during the MIT-Wisconsin ultimate game at Nationals. MIT crushed Wisconsin 15-8.

By Chrissy Dobson
TEAM MEMBER

Thirty-two of the top college ultimate teams in the country descended upon Rogers Field in Devens over Memorial Day Weekend to stake their claim to the UPA National Championship title.

Despite being seeded 15th (out of 16 women's teams), the young MIT team, making only its second appearance at the national tournament, put forth an extremely strong showing in the competition, leaving many fans optimistic about the team's success in future seasons.

The MIT team, fielding ten rookies and only four returning players, reached the national level of play after a solid performance at the New England Regional tournament, which was held this year at Yale University on May 5-6. Entering the tournament as the third-best team, MIT's women's ultimate team beat out 12 others to qualify for the national tournament, along with the women from Tufts and Brown.

MIT defeats Middlebury to qualify

MIT opposed Middlebury, the fifth seed, in a qualifying game that proved to be an exciting contest. The teams traded the first few points of the game, but soon MIT found itself down 6-3. MIT coaches James P. Sarvis G and Tessa C. Warren G, mindful a national berth was slipping away, called a timeout to change

MIT's defensive strategy to a zone-and-one, in which the team played a standard zone defense while one player would mark Middlebury's best player whenever Middlebury had possession of the disc.

The smart play and tenacious defense of Aimee L. Smith G seemingly single-handedly shut down Middlebury's offense and turned the game around. The trio of Kathy L. Dobson '03, and rookies Kathleen M. Rubritz '04 and Nancy Y. Sun '04 were equally vital to MIT's turnaround as they blocked almost every disc that Middlebury tried advancing downfield.

Forcing turnovers, MIT made a steady comeback. The play of the half came as handler and first-year player Cordy E. Crockett G picked up the disc on a Middlebury turn. Rookie April P. Rasala G, seeing that Crockett would be forced to throw backhand by a misguided and unsuspecting Middlebury defense, cut to the deep left corner of the endzone in anticipation of a Crockett backhand huck. Crockett delivered, and after Rasala's grab above two Middlebury defenders, MIT led at the half, 8-7.

MIT kept the intensity on in the second half, thanks in large part to the team's skilled handlers in Mira E. Wilczek '03, Crystal Hsu '01, captain Pei-Lin Hsiung G, Crockett, and Sun. Hsiung, the go-to woman on a play reset and the recipient of the team's

Keystone Award, led her team's effort as she committed no turnovers the entire game.

Highlights of the second half included Wilczek connecting a beautiful forehand huck to an open Lori A. Eich '03 in the endzone in the middle of the second half to put MIT ahead 12-11. In the next point, Hsu pulled out her trademark hammer throw and placed the disc perfectly in the back of the endzone to receiver Chrissy B. Dobson '03. The score was 13-11 and MIT never looked back before defeating Middlebury 15-13.

Team plays intensely in losses

In the first game of pool play in the national tournament, MIT faced New England region foe Disco Inferno from Brown, which was seeded sixth. After a short warmup, the game was underway and MIT, refusing Brown breakside passes, stayed with Brown for the beginning of the half. Two points before half, Kathy Dobson caught a Sun pass just outside of the endzone. Dobson broke her marker and connected to Alison H. Wong '03, who had beaten her defender and was cutting to the front corner of the endzone. Wong made a signature one-handed catch to cut Brown's lead to 7-3. Brown made the next point look easy, though. Taking a lesson from the MIT offense Brown hucked

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applauds its graduating staffers.

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